CHEGG, INC Form 10-K February 23, 2017 Table of Contents

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

## FORM 10-K

x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended December 31, 2016 or

..TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to Commission file number 001-36180

CHEGG, INC.

(Exact name of registrant as specified in its charter)

Delaware 20-3237489 (State or other jurisdiction of (I.R.S. employer incorporation or organization) identification no.) 3990 Freedom Circle Santa Clara, CA, 95054 (Address of principal executive offices) (408) 855-5700 (Registrant's telephone number, including area code) Securities registered pursuant to Section 12(b) of the Act: Title of each class Name of each exchange on which registered Common Stock, \$0.001 par value per share The New York Stock Exchange Securities registered pursuant to Section 12(g) of the Act: None (Title of class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes "No x

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes " No x

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 (Exchange Act) during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No "

• Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the

registrant was required to submit and post such files). Yes x No "

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in

• definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. "

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one)

Large accelerated filer "

Accelerated filer x

Non-accelerated filer "

(Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes "No x

The aggregate market value of the voting stock held by non-affiliates of the registrant as of June 30, 2016, the last business day of the registrant's most recently completed second fiscal quarter, based upon the closing price of such stock on such date as reported by the New York Stock Exchange on such date, was approximately \$402,351,715. Shares of Common Stock held by each executive officer and director have been excluded in that such persons may be deemed to be affiliates. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

As of January 31, 2017, the Registrant had 91,830,713 outstanding shares of Common Stock.

## DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's definitive proxy statement for the Registrant's 2016 Annual Meeting of Stockholders are incorporated by reference in Part III of this Annual Report on Form 10-K to the extent stated herein. The Proxy Statement will be filed within 120 days of the Registrant's fiscal year ended December 31, 2016.

#### TABLE OF CONTENTS

		Page
	<u>PART I</u>	-
<u>Item 1.</u>	Business	<u>4</u>
<u>Item 1A.</u>	Risk Factors	<u>11</u>
<u>Item 1B.</u>	Unresolved Staff Comments	<u>35</u>
<u>Item 2.</u>	Properties	<u>35</u> <u>35</u> <u>35</u>
<u>Item 3.</u>	Legal Proceedings	<u>35</u>
<u>Item 4.</u>	Mine Safety Disclosures	<u>36</u>
	<u>PART II</u>	
<u>Item 5.</u>	Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchase of Equity Securities	<u>37</u>
<u>Item 6.</u>	Selected Financial Data	<u>38</u>
Item 7.	Management's Discussion and Analysis of Financial Condition and Result of Operations	<u>40</u>
Item 8.	Consolidated Financial Statements and Supplementary Data	<u>58</u>
Item 9.	Change in and Disagreements with Accountants On Accounting and Financial Disclosure	<u>93</u>
Item 9A.	Controls and Procedures	<u>93</u>
<u>Item 9B.</u>	Other Information	<u>93</u>
	PART III	
<u>Item 10.</u>	Directors, Executive Officers and Corporate Governance	<u>94</u>
<u>Item 11.</u>	Executive Compensation	<u>94</u>
<u>Item 12.</u>	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters	<u>94</u>
<u>Item 13.</u>	Certain Relationships and Related Transactions, and Director Independence	<u>94</u>
<u>Item 14.</u>	Principal Accountant Fees and Services	<u>94</u>
	<u>PART IV</u>	
<u>Item 15.</u>	Exhibits and Financial Statement Schedules	<u>95</u>
<u>Item 16.</u>	Form 10-K Summary	<u>95</u> 96
Signature	Signatures	
Index to I	Index to Exhibits	

Unless the context requires otherwise, the words "we," "us," "our," "Company" and "Chegg" refer to Chegg, Inc. and its subsidiaries taken as a whole.

"Chegg," "Chegg.com," "Chegg Study," "Chegg for Good," "Student Hub," "internships.com," "ResearchReady," "InstaEDU, "EasyBib" and "#1 In Textbook Rentals," are some of our trademarks used in this Annual Report on Form 10-K. Solely for convenience, our trademarks, trade names and service marks referred to in this Annual Report on Form 10-K appear without the ®, ™ and SM symbols, but those references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights to these trademarks and trade names. Other trademarks appearing in this Annual Report on Form 10-K are the property of their respective holders.

## NOTE ABOUT FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements contained in this Annual Report on Form 10-K other than statements of historical fact, including statements regarding our future results of operations and financial position, our business strategy and plans, and our objectives for future operations, are forward-looking statements. The words "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "project," "endeavor," "expect," "plans to," "if," "future," and similar ex intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations and projections about future events and trends that we believe may affect our financial condition, results of operations, business strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described in Part I, Item 1A, "Risk Factors" in this Annual Report on Form 10-K. Moreover, we operate in a very competitive and rapidly changing environment. New risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In light of these risks, uncertainties and assumptions, the future events and trends discussed in this Annual Report on Form 10-K may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements.

We undertake no obligation to revise or publicly release the results of any revision to these forward-looking statements, except as required by law. Given these risks and uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements.

## PART I

## **ITEM 1. BUSINESS**

### Overview

Chegg is the leading student-first connected learning platform. We help students study more effectively for college admissions exams, find the right college to accomplish their goals, get better grades and test scores while in school, and find internships that allow them to gain valuable skills to help them enter the workforce after college. We strive to improve the overall return on investment in education by helping students learn more in less time and at a lower cost. During 2016, nearly 6.5 million students turned to Chegg to help them save money and improve their outcomes.

In 2016, over 1.5 million students subscribed to our Chegg Services, an increase of 47% year over year from 1.0 million in 2015. Chegg Services include Chegg Study, Chegg Tutors, Writing Tools (newly acquired in May 2016), Enrollment Marketing, Brand Partnership, Internships, and Test Prep. Our Chegg Study service provides step-by-step Textbook Solutions and Expert Answers, helping students with their course work. When students need additional help on a subject, they can reach a live tutor online, anytime, anywhere through Chegg Tutors. When students need help creating citations for their papers, they can use one of our Writing Tools properties, including EasyBib, Citation Machine, BibMe, CiteThisForMe and NormasAPA. In 2016, we matched approximately 5.3 million domestic and international students with colleges, universities and other academic institutions, which we collectively refer to as "colleges," in the United States, to help them find the best fit school for them. As of December 31, 2016, we provided access to approximately 340,000 internships to help students increase their standardized SAT and ACT exam scores to improve their chances of getting accepted to a school of their choice. Through our strategic partnership with Ingram Content Group (Ingram), we offer Required Materials, which includes an extensive print textbook and eTextbook library for rent and sale, helping students save money compared to the cost of buying new. In 2016, students rented or bought over 5.7 million textbooks and eTextbooks from Chegg.

To deliver these services, we partner with several third parties. In 2016, we entered into agreements with a wide range of colleges to help shape their incoming classes. We sourced print textbooks, eTextbooks and supplemental materials directly or indirectly from thousands of publishers in the United States, including Pearson, Cengage Learning, McGraw Hill, Wiley and MacMillan. We have a large network of students and professionals who leverage our platform to earn money by tutoring in their spare time. Thousands of employers leverage our platform to post their internships and jobs. In addition, because we have a large student audience, local and national brands partner with us to reach the college and high school demographic.

## Our Offering

We offer products and services that help students improve their outcomes throughout their educational journey. Our offerings fall into two categories: Chegg Services, which encompasses all of our digital products and services, and Required Materials, which primarily includes our print textbook and eTextbook business.

## Chegg Services

Chegg Study. Our Chegg Study service helps students master challenging concepts on their own. For high demand print and electronic textbooks, primarily in the subjects of sciences, technology, engineering, mathematics, statistics, business and economics, we offer "Textbook Solutions," which are step-by-step answers to the questions at the end of each chapter in textbooks. For other questions, we offer our Expert Answers service, where a student can ask a

question on our website and subject matter experts will provide detailed answers. As of December 31, 2016, Chegg had an archive of over 8 million responses, which students can immediately access. These services are available on our website and on mobile devices through our native application and our mobile website.

Chegg Tutors. Complementing our other study tools, we have live tutors on our connected learning platform. Students can access help online, anytime, anywhere either synchronously or asynchronously. Instead of paying for expensive, offline tutors that require scheduling and travel time, students can come to Chegg to find tutors whenever they need additional help on a subject and pay as little as \$0.40 per minute. Our tutors are qualified to help students with a wide range of topics, including history, foreign languages, English literature, science, technology, engineering, mathematics and business, along with test prep and a variety of other highly-requested subjects. Students can subscribe to weekly or monthly packages, or choose to use the service on a pay-as-you-go basis.

Writing Tools. In May of 2016 we acquired Imagine Easy Solutions (Imagine Easy), the provider of the popular EasyBib, Citation Machine, BibMe, CiteThisForMe, NormasAPA and other tools with capabilities such as citation, bibliography and anti-plagiarism. When students need to cite their sources in written work, they can use our Imagine Easy writing tools to automatically generate sources in the required formats. These tools offer a variety of advertising-supported and paid subscription products. In 2016, students logged approximately 265 million individual online sessions, lasting on average more than 8 minutes per session. Since their launch, students worldwide have created more than 1.5 billion citations using Imagine Easy's writing productivity tools.

Enrollment Marketing Services. In January 2017, we announced a strategic partnership with the National Research Center for College & University Admissions (NRCCUA) where NRCCUA will assume responsibility for managing, renewing, and maintaining our existing university contracts and become the exclusive reseller of the digital enrollment marketing services that we provide to colleges and universities. Through this strategic partnership, we provide colleges with admission and transfer support through our enrollment marketing services. We delivered 5.3 million paid inquiries for interested students during 2016. Using the information from the college-bound high school students who fill out a profile using our College Admissions and Scholarship Services and from our affiliate network, and only after the student has agreed to be referred, we provide colleges with potential candidates and help them cost effectively attract and shape their classes. Our College Admissions and Scholarship Services further allow high school students to connect with their "best fit" educational and scholarship opportunities. Students in high school or college can use our "Scholarship Match" tool to create a profile that includes information such as their high school, GPA, intended major, demographic background, college preferences and areas of interest. Based on this information, our services can connect these students with scholarship opportunities.

Brand Partnership. We offer unique and compelling ways for brands with relevant products and services to reach and engage high school and college students at important and memorable transition points in their lives, such as preparing for college, preparing for back-to-school or as they approach graduation and prepare for a career or graduate school. We work closely with brands to integrate their services and products with ours. Our brand advertising services include digital advertising on our platform, product samples, white label integrations, discounts, and other promotions shipped directly to students in our distinctive orange Chegg boxes and experiential offerings that may include, for example, on-campus events, sponsorships and other brand ambassador work. During the year ended December 31, 2016, we had advertising contracts with over 55 consumer brands.

Internships. Internships are a highly effective way for students to gain work experience before graduation. In a recent survey, 65% of companies that responded offered full-time jobs to interns. As of December 31, 2016, we provide students access to approximately 340,000 internships with more than 122,000 employers across the country. Students search and apply for internships directly through our website, internships.com. Students can upload their resume to be matched by us to internship opportunities. Employers can post their internships and manage the process with our applicant tracking system. We currently offer internships as a free service.

Test Prep. In November 2015, we launched a beta version of our interactive Test Prep product, covering the SAT and ACT exams. Our goal is to provide all students access to an affordable, high-quality and comprehensive online test preparation product that helps students improve their test scores. After our initial launch of a free version which allowed us to learn from user behavior, we are currently testing various paid models with students.

## **Required Materials**

Print Textbooks and eTextbooks. For students looking to save on the cost of required materials, we rent and sell print textbooks and eTextbooks. Most of the print textbook transactions are rentals, although we also offer both new and used books for sale at a slight markup to our acquisition cost. In 2014, we implemented a partnership with Ingram, which we expanded in May 2015 so that Ingram fulfills all of our print textbook rentals and a portion of our textbook

sales. We offer a compelling value proposition to students as the price to rent a book through Chegg is significantly lower than the purchase price of a new or used book. Orders are shipped to students in a distinctive orange Chegg box and typically arrives within three business days. At the end of the academic term, students can return a rented textbook in this same box for free. In participation with certain publishers, we also offer "Instant Access" to eTextbooks that is a one-week free trial of our eTextbook service, and allows the student to access the eTextbook while the print copy is in transit. Our data shows students value this service and find it a great way to learn more about our eTextbook experience. All eTextbooks obtained from Chegg are accessed through our proprietary HTML5-web-based eTextbook Reader. Our eTextbook Reader provides students with access to eTextbooks on PCs, tablets and smart phones, providing access anytime, anywhere that students are connected to the Internet and students can save a portion of the book for offline access. Our eTextbook Reader enables fast and easy navigation, keyword search, text highlighting, note taking and further preserves those notes in an online notepad with persistence of highlighting and notes across platforms. In 2016, we rented or sold over 5.7 million print textbooks and eTextbooks.

Supplemental Materials. In addition to textbooks, we offer students access to other materials from publishers, professors, students and subject matter experts. These include related materials like study guides, lab manuals or digital services provided by publishers, commonly known as "Whole Course Solutions" or "Integrated Learning Systems." We tailor our merchandising of these materials based on the student's core textbook.

Textbook Buyback. We offer students, on behalf of our fulfillment partner Ingram, the ability to sell us their textbooks, even if they were not originally purchased from us, and in turn those textbooks are offered to other students for purchase or rent, or sold to wholesalers. Students provide us with the ISBN of each textbook they want to sell, and we let them know how much we are willing to pay based on our real-time market driven algorithms. Ingram reimburses us the amounts we pay to students for these purchases. If our offer is accepted, we provide a pre-printed label and shipping instructions.

#### Technology and Platform Integration

Our technology is designed to create a connected learning platform that is built to enable our future growth at scale. We employ technological innovations whenever possible to increase efficiency and scale in our business. Our products rely upon and leverage the information underlying our Student Graph discussed in more detail below. We will continue to invest in building technologies around our data, search and solutions. The key elements of our technology platform are:

Personalization and Merchandising Technology. We create a personalized experience for each student throughout our connected learning platform, building awareness of our multiple services and also connecting them with opportunities through third-party partners and brands. We are able to accomplish this personalization and customization as a result of our Student Graph and our search technology.

Student Graph. Our Student Graph is the accumulation of the collective activity of students in our connected learning platform. Students provide us information each time they engage with our connected learning platform. Our Student Graph also includes information we access from public and private sources to integrate into our connected learning platform such as textbook information, information about colleges and scholarship data. We are able to collect, organize and process this information to algorithmically create a personalized experience for each student on our network.

Search. Search is an easy on-ramp for students to discover all of our services. Students can search by book, ISBN, author's name or course. Many students come to us for textbook rentals, and in our search results we not only provide the relevant textbook, but also begin to build awareness of our other services. For instance, when a student searches for a textbook, we can also expose that student to Chegg Tutors, Expert Answers, and Textbook Solutions that are relevant to that textbook. We may also display a free Chegg Study offer where we have Textbook Solutions for that textbook. We also provide personalized search results based on information in our Student Graph.

Data Sourcing and Graph Technology. Not all information relevant to students on our platform is made available by service, product, list or user-input. Therefore, we have developed proprietary technologies to collect disparate, distributed sets of data. For example, we access data from public and private sources to integrate into our platform to inform our decisions about our textbook catalog and pricing.

Mobile Solutions. We have mobile applications on Apple iOS and Google Android. Our mobile apps are built as hybrid applications leveraging the Chegg application programming interface (API) and server-side HTML5. We also maintain a mobile version of our website: m.chegg.com. Taking advantage of capabilities unique to the mobile platform, we offer some functionality on mobile that is not available on our website, such as textbook barcode

scanning for price comparisons, Chegg Flashcards, and Chegg Textbook Solutions.

Open Platform. We have established a proprietary API layer that enables us to extend our product and service offerings to additional, relevant business partners. We have enhanced our technology to enable Chegg student experiences to be consumed on other websites or portals. Internships.com, which we acquired in 2014, began offering its services through this API layer in December 2013. We have established four other use cases and have applied unique technology to each case, with the aim of providing students with access to relevant products and services beyond those that we have developed or provided on our website, including native mobile applications, hub applications, bridge to third-party tools, an externalizing catalog and Platform-as-a-Service.

Content Conversion Platform. We have developed a proprietary set of technologies that ingests each publisher's unique source files and creates HTML5-based documents. Our web-based eTextbook Reader, which is embedded with digital rights management, allows us to provide our content across technology platforms, have a deep understanding of how content is consumed and deliver content securely.

Real-time Sourcing and Pricing Technologies. We have internally developed proprietary pricing and sourcing systems which consider market price, content selection and availability, and other factors, in determining price and origin of content and services we offer to students.

Programmatic Advertising. In our acquisition of Imagine Easy, we also acquired their programmatic advertising team and technology team, StudyBreak Media<sup>TM</sup>. StudyBreak Media has expanded their work as part of our learning platform, building custom ad tech solutions that maximize the value of our digital inventory. Through StudyBreak Media, we combine a deep understanding of programmatic technology trends with data science, engineering and machine learning. The result is a mediation platform that blends with our direct sales force to maximize the value of the impressions we serve.

Infrastructure. Our technology resides at a major cloud-hosting provider divided between the U.S. West Coast and U.S. East Coast. We use one region for our test/development/stage/failover environment and the other for our production environment. The architecture is also designed to provide for international expansion if we expand into new international markets.

Network Security. Our platform includes encryption, antivirus, firewall and patch-management technologies to help protect our systems distributed across cloud-hosting providers and our business offices.

Internal Management Systems. We rely on third-party technology solutions and products as well as internally developed and proprietary systems, in which we have made substantial investment, to provide rapid, high-quality customer service, internal communication, software development, deployment, and maintenance.

## Customers

In 2016, approximately 3.5 million individuals paid for our products and services directed at college and high school students up from approximately 3.1 million and 3.0 million in 2015 and 2014, respectively. In 2016, we entered into agreements to provide enrollment marketing services to over 400 colleges, including public and private colleges. We have conducted national campaigns with a number of brands attractive to college and high school students. During 2016, we had advertising contracts with over 55 consumer brands.

Sales and Marketing

#### Students

We use several major direct marketing channels relevant to students. We deploy search engine optimization (SEO) techniques designed to increase the visibility of Chegg.com content in organic, unpaid search engine result listings. We supplement our SEO efforts through search engine marketing using keyword simulation and bid management tools to analyze and categorize search keywords, optimize bidding, increase impressions and drive conversion. We also use display marketing to drive awareness of our brand and services by running display advertising on major online and mobile advertising networks, such as Google Display Network. We integrate our textbook services on affiliates' websites and work with a large advertising network that recruits individual online affiliates in exchange for pre-determined revenue share or commissions. We utilize three types of email marketing campaigns: onboarding

programs to drive activation and retention, personalized cross-sell campaigns to deepen engagement, and promotional campaigns to drive sales and interests. We use social media to manage organic and paid programs across top websites, including Facebook, Twitter and YouTube. We also acquire and engage students through content generated by student bloggers, syndicated through partners, around key student concerns and interests such as admissions, transition to college, picking a major, and resume preparation.

Through our campus activation programs, we partner with brands to bring entertainment events, such as concerts, trial promotions, on campus ambassadors and product giveaways to students. We also engage students on campus to help them elevate their voice behind timely social issues beyond academics, such as the "It's On Us" campaign relating to the prevention of on-campus sexual violence. The Chegg for Good program connects students and employees with partners to engage them in causes related to education and the environment. We work with the nonprofit conservation organization American Forest to

plant trees around the world and our funding has enabled the planting of more than six million trees to date. The Chegg Foundation, a California nonprofit public benefit corporation, engages in charitable and education-related activities. As part of our College Admissions and Scholarship Services marketing efforts, we identify select partner organizations who offer complementary content and services that support students in exploring colleges. We enable these partner organizations to use our college match service through their websites to enable students to request information about colleges that may be of interest to them.

## Colleges and Brands

We secure contracts with brands through direct sales by our field sales organization, which sells brand advertising services to large brand advertisers and advertising agencies seeking to reach and engage college and high school students. This team has field sales people and inside client success managers as well as operations and marketing support. In January 2017, we signed a strategic alliance agreement with NRCCUA, who is our exclusive reseller to colleges for our digital marketing services.

## Student Advocacy

We are committed to providing a high level of customer service to our students. We trust our students, understand the critical role our products and services have in their education, and strive to resolve all problems quickly and thoroughly. Our student advocacy team can be reached directly through phone, email, and online chat during business hours. We also proactively monitor social media to identify and solve problems before we are otherwise informed of their existence. We endeavor to respond to students' concerns within five minutes.

## Competition

While we do not have any competitors that compete with us across our business in its entirety, we face significant competition in each aspect of our business, and we expect such competition to increase. The actual and potential competition in each of our primary areas of operations is described below.

Products and Services for Students. Our Chegg Services face competition from different businesses depending on the offering. For Chegg Study, our competitors primarily include publishers that provide study materials and online instructional systems. Additionally, we face competition from free services such as Yahoo! Answers and Brain.ly for our Expert Answers service. For our Chegg Tutors services, we face competition from other online tutoring services such as Tutors.com and Varsity Tutors. For our writing tools, we primarily face competition from other citation generating services such as Noodle Tools. The market for textbooks and supplemental materials is intensely competitive and subject to rapid change. We face competition from college bookstores, some of which are operated by Follett and Barnes & Noble Education, online marketplaces such as Amazon.com and providers of eTextbooks such as Apple iTunes, and Blackboard, as well as various private textbook rental websites. Many students purchase from multiple textbook providers, are highly price sensitive and can easily shift spending from one provider or format to another. As a consequence, our Required Materials product line, which includes eTextbooks, competes primarily on price and further on selection and functionality and compatibility of our eTextbook Reader across a wide variety of desktop and mobile devices.

Enrollment Marketing Services. With respect to our enrollment marketing services, we compete against traditional methods of student recruitment, including student data providers such as standardized test providers, radio, television and Internet advertising and print mail marketing programs. In this area, we compete primarily on the basis of the number of high-quality connections between prospective students and colleges we are able to provide as well as on price. We are able to create these connections by providing prospective students with an easy-to-use platform to input

their academic information and aspirations, learn about colleges, locate scholarships and financial aid and facilitate and streamline the application process.

Brands. With respect to brands, we compete with online and offline outlets that generate revenues from advertisers and marketers, especially those that target high school and college students. In this area, we seek to partner with brands that have offerings that will interest or delight students and have received very positive comments and feedback from students on these offerings. We provide these brands with preferential access to our audience, which we believe represents a highly engaged portion of the target demographic of our brand partners.

We believe that we have competitive strengths, some of which are discussed above, that position us favorably in each aspect of our business. However, the education industry is evolving rapidly and is increasingly competitive. A variety of business models are being pursued or may be considered for the provision of print textbooks and eTextbooks, some of which may be more profitable or successful than our business model.

### Intellectual Property

We use proprietary technology to operate our business and our success depends, in part, on our ability to protect our technology and intellectual property. We rely on a combination of patent, copyright, trademark and trade secret laws, as well as contractual restrictions, to establish and protect our intellectual property. We maintain a policy requiring our employees, contractors, consultants and other third parties to enter into confidentiality and proprietary rights agreements to control access to our proprietary information. These laws, procedures and restrictions provide only limited protection and any of our intellectual property rights may be challenged, invalidated, circumvented, infringed or misappropriated. Further, the laws of certain countries do not protect proprietary rights to the same extent as the laws of the United States and, therefore, in certain jurisdictions, we may be unable to protect our proprietary technology.

As of December 31, 2016, we had thirteen patents which will expire between 2032 and 2034 and 28 patent applications pending in the United States. We own three U.S. copyrights registrations and have unregistered copyrights in our eTextbook Reader software, software documentation, marketing materials and website content that we develop. We own the registered U.S. trademarks "Chegg," "Chegg.com," "Chegg Study," "Chegg for Good," "Student Hut "internships.com," "ResearchReady," "InstaEDU," "EasyBib" and "#1 In Textbook Rentals," among others as well as a variety of service marks. As of December 31, 2016, we owned over 600 registered domain names. We also have a number of pending trademark applications in the United States and foreign jurisdictions and unregistered marks that we use to promote our brand. From time to time we expect to file additional patent, copyright and trademark applications in the United States and abroad.

#### **Government Regulation**

We are subject to a number of laws and regulations that affect companies conducting business on the Internet and in the education industry, many of which are still evolving and could be interpreted in ways that could harm our business. The manner in which existing laws and regulations will be applied to the Internet and students in general and how they will relate to our business in particular, are often unclear. For example, we often cannot be certain how existing laws will apply in the e-commerce and online context, including with respect to such topics as privacy, defamation, pricing, credit card fraud, advertising, taxation, sweepstakes, promotions, content regulation, financial aid, scholarships, student matriculation and recruitment, quality of products and services and intellectual property ownership and infringement.

Numerous laws and regulatory schemes have been adopted at the national and state level in the United States, and in some cases internationally, that have a direct impact on our business and operations. For example:

The CAN-SPAM Act of 2003 and similar laws adopted by a number of states, regulate unsolicited commercial emails, create criminal penalties for emails containing fraudulent headers and control other abusive online marketing practices. Similarly, the U.S. Federal Trade Commission (FTC) has guidelines that impose responsibilities on us with respect to communications with consumers and impose fines and liability for failure to comply with rules with respect to advertising or marketing practices they may deem misleading or deceptive.

The Telephone Consumer Protection Act of 1991 (TCPA) restricts telemarketing and the use of automated telephone equipment. The TCPA limits the use of automatic dialing systems, artificial or prerecorded voice messages, SMS text messages and fax machines. It also applies to unsolicited text messages advertising the commercial availability of goods or services. Additionally, a number of states have enacted statutes that address telemarketing. For example, some states, such as California, Illinois and New York, have created do-not-call lists. Other states, such as Oregon and Washington, have enacted "no rebuttal statutes" that require the telemarketer to end the call when the consumer indicates that he or she is not interested in the product being sold. Restrictions on telephone marketing, including calls and text messages, are enforced by the FTC, the Federal Communications Commission, states and through the availability of statutory damages and class action lawsuits for violations of the TCPA.

The Credit Card Accountability Responsibility and Disclosure Act of 2009, or CARD Act, and similar laws and regulations adopted by a number of states regulate credit card and gift certificate use fairness, including expiration dates and fees. Our business also requires that we comply with payment card industry data security

and other standards. In particular, we are subject to payment card association operating rules, certification requirements and rules governing electronic funds transfers, which could change or be reinterpreted to make it difficult or impossible for us to comply. If we fail to comply with these rules or requirements, or if our data security systems are breached or compromised, we may be liable for card issuing banks' costs, subject to fines and higher transaction fees and lose our ability to accept credit and debit card payments from our customers, process electronic funds transfers or facilitate other types of online payments, and our business and operating results could be adversely affected.

Regulations related to the Program Participation Agreement of the U.S. Department of Education and other similar laws and regulate the recruitment of students to colleges and other institutions of higher learning.

The Children's Online Privacy Protection Act imposes additional restrictions on the ability of online services to collect information from minors. In addition, certain states, including Utah and Massachusetts, have laws that impose criminal penalties on the production and distribution of content that is "harmful to a minor."

The Digital Millennium Copyright Act (DMCA) provides relief for claims of circumvention of copyright protected technologies and includes a safe harbor intended to reduce the liability of online service providers for hosting, listing or linking to third-party content that infringes copyrights of others.

The Communications Decency Act provides that online service providers will not be considered the publisher or speaker of content provided by others, such as individuals who post content on an online service provider's website.

#### Employees

As of December 31, 2016, we had 766 full-time employees. We also engage temporary, seasonal employees and consultants. None of our employees are represented by labor unions or covered by a collective bargaining agreement. We have not experienced any work stoppages and we consider our relations with our employees to be good.

## Seasonality

Information about seasonality is set forth in the section "Seasonality of Our Business" in Part II, Item 7 of this Annual Report on Form 10-K.

Information about Segment and Geographic Revenues

Information about segment and geographic revenues is set forth in Note 19 of the Notes to Consolidated Financial Statements included in Part II, Item 8, "Consolidated Financial Statements and Supplementary Data" of this Annual Report on Form 10-K.

## Corporate History

We were incorporated in Delaware in July 2005. We launched our online print textbook rental business in 2007. We hired our current Chief Executive Officer in 2010, who implemented our current business strategy to create the leading student-first connected learning platform for students to help them improve their outcomes. Beginning in 2010, we made a series of strategic acquisitions to expand our Chegg Services, including Cramster in 2010 to add our Chegg Study service, Zinch in 2011 to add our College Admissions and Scholarship Services, InstaEDU in 2014 to add our Tutoring service, internships.com in 2014 to add to our internship service, and Imagine Easy Solutions in 2016 to add a portfolio of online writing tools. We completed our initial public offering (IPO) in November 2013 and our common stock is listed on the New York Stock Exchange under the symbol "CHGG." Our principal executive

offices are located at 3990 Freedom Circle, Santa Clara, California 95054 and our telephone number is (408) 855-5700.

## Available Information

Our website address is www.chegg.com and our Investor Relations website address is investor.chegg.com. Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and amendments to reports filed pursuant to Sections 13(a) and 15(d) of the Securities Exchange Act of 1934, as amended (Exchange Act), are filed with the U.S. Securities and Exchange Commission (SEC). We are subject to the informational requirements of the Exchange Act and file or furnish reports, proxy statements, and other information with the SEC. Such reports and other information filed by the

Company with the SEC are available free of charge on our website at investor.chegg.com when such reports are available on the SEC's website. We use our www.chegg.com/mediacenter website as a means of disclosing material non-public information and for complying with our disclosure obligations under Regulation FD. Accordingly, investors should monitor www.chegg.com/mediacenter, in addition to following our press releases, SEC filings and public conference calls and webcasts.

The public may read and copy any materials filed by Chegg with the SEC at the SEC's Public Reference Room at 100 F Street, NE, Room 1580, Washington, D.C. 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains an Internet site that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC at www.sec.gov.

The contents of the websites referred to above are not incorporated into this filing. Further, our references to the URLs for these websites are intended to be inactive textual references only.

## ITEM 1A. RISK FACTORS

The risks and uncertainties set forth below, as well as other risks and uncertainties described elsewhere in this Annual Report on Form 10-K including in our consolidated financial statements and related notes and "Management's Discussion and Analysis of Financial Condition and Results of Operations" or in other filings by Chegg with the SEC, could adversely affect our business, financial condition, results of operations and the trading price of our common stock. Additional risks and uncertainties that are not currently known to us or that are not currently believed by us to be material may also harm our business operations and financial results. Because of the following risks and uncertainties, as well as other factors affecting our financial condition and operating results, past financial performance should not be considered to be a reliable indicator of future performance, and investors should not use historical trends to anticipate results or trends in future periods.

#### Risks Related to Our Business and Industry

Our limited operating history, recent business model transition and evolving digital offerings make it difficult to evaluate our current business and future prospects.

Although we began our operations in July 2005, we did not launch our online print textbook rental business until 2007 or begin generating revenues at scale from print textbook rentals until 2010. We began transitioning to a new model for our Required Materials product line in August 2014 through our strategic partnership with Ingram to accelerate our transition away from the more capital intensive aspects of the print textbook rental business. We have completed our transition to a fully digital company as of November 2016 as Ingram now fulfills all print textbook rental orders. We continue to market, use our branding and maintain the customer experience around print textbook rentals, while Ingram funds all rental textbook inventory, fulfillment, logistics, and has title and risk of loss related to textbook rentals for the textbooks they own.

Since July 2010, we also have been focused on expanding our other offerings, in many instances through the acquisition of other companies, to include supplemental materials, multiplatform eTextbook Reader software, Chegg Study, Chegg Tutors, Chegg Test Prep, Chegg Writing Tools, College Admissions and Scholarship Services, purchases of used textbooks, internships, careers, college counseling, enrollment marketing services and brand advertising. Our newer products and services, or any other products and services we may introduce or acquire, may not be integrated effectively into our business, achieve or sustain profitability or achieve market acceptance at levels sufficient to justify our investment.

Our ability to fully integrate new products and services into our connected learning platform or achieve satisfactory financial results from them is unproven. Because we have a limited operating history, in particular operating a fully digital platform, and the market for our products and services, including newly acquired or developed products and services, is rapidly evolving, it is difficult for us to predict our operating results, particularly with respect to our newer

offerings, and the ultimate size of the market for our products and services. If the market for a connected learning platform does not develop as we expect, or if we fail to address the needs of this market, our business will be harmed. We face the risks, expenses and difficulties typically encountered by companies in their early stage of development, including, but not limited to our ability to successfully:

execute on our relatively new and evolving business model;

develop new products and services, both independently and with developers or other third parties;

attract and retain students and increase their engagement with our connected learning platform and our mobile applications;

attract and retain colleges, universities and other academic institutions and brands to our marketing services; manage the growth of our business, including increasing or unforeseen expenses;

develop and scale a high performance technology infrastructure to efficiently handle increased usage by students, especially during peak periods prior to each academic term;
maintain and manage relationships with strategic partners, including Ingram, NRCCUA, and other distributors, publishers, wholesalers, colleges and brands;
develop a profitable business model and pricing strategy;
compete with companies that offer similar services or products;
expand into adjacent markets;
navigate the ongoing evolution and uncertain application of regulatory requirements, such as privacy laws, to our business, including our new products and services;
integrate and realize synergies from businesses that we acquire; and

Integrate and realize synergies from businesses that we acquire; and expand into foreign markets.

We have encountered and will continue to encounter these risks and if we do not manage them successfully, our business, financial condition, results of operations and prospects may be materially and adversely affected.

Our operating results are expected to be difficult to predict based on a number of factors.

We expect our operating results to fluctuate in the future based on a variety of factors, many of which are outside our control and are difficult to predict. As a result, period-to-period comparisons of our operating results may not be a good indicator of our future or long-term performance. The following factors may affect us from period-to-period and may affect our long-term performance:

our ability to attract and retain students and increase their engagement with our connected learning platform and mobile applications, particularly related to our Chegg Services subscribers;

the rate of adoption of our offerings;

our ability to successfully utilize the information gathered from our connected learning platform to enhance our Student Graph and target sales of complementary products and services to our students;

changes in demand and pricing for print textbooks and eTextbooks; Ingram's ability to manage fulfillment processes to handle significant volumes during peak periods and as a result of the potential growth in volume of transactions over time; changes by our competitors to their product and service offerings;

price competition and our ability to react appropriately to such competition;

our ability and Ingram's ability to manage their textbook library;

our ability to execute on our strategic partnership with Ingram;

disruptions to our internal computer systems and our fulfillment information technology infrastructure, particularly during peak periods; the amount and timing of operating costs and capital expenditures relating to expansion of our business, operations and infrastructure;

our ability to successfully manage the integration of operations, technology and personnel resulting from our acquisitions;

governmental regulation in particular regarding privacy and advertising and taxation policies; and general macroeconomic conditions and economic conditions specific to higher education.

We have a history of losses and we may not achieve or sustain profitability in the future.

We have experienced significant net losses since our incorporation in July 2005, and we may continue to experience net losses in the future. Our net losses for the years ended December 31, 2016, 2015, and 2014 were \$42.2 million, \$59.2 million, and \$64.8 million, respectively. As of December 31, 2016, we had an accumulated deficit of \$371.3 million. We expect to make significant investments in the development and expansion of our business and our cost of revenues and operating expenses may increase. We may not succeed in increasing our revenues sufficiently to offset these higher expenses, and our efforts to grow the business may prove more expensive than we currently anticipate. We may incur significant losses in the future for a number of reasons, including slowing demand for print textbook rentals or our other products and services; increasing competition, particularly for the price of textbooks; decreased spending on education; and other risks described in this Annual Report on Form 10-K. We may encounter unforeseen expenses, challenges, complications and delays and other unknown factors as we pursue our business plan and our business model continues to evolve. While Chegg Services revenues have grown in recent periods, this growth may not be sustainable and we may not be able to achieve profitability. To achieve profitability, we may need to change our operating infrastructure and scale our operations more efficiently. We also may need to reduce our costs or implement changes in our product offerings to improve the predictability of our revenues. For example, we have recently transitioned substantially all of our print textbook rental revenues to commissions-based revenues in January 2017. If we fail to implement these changes on a timely basis or are unable to implement them due to factors beyond our control, our business may suffer. If we do achieve profitability, we may not be able to sustain or increase such profitability.

We operate in a rapidly changing market and we have recently transitioned our business model to a fully digital business. If we do not successfully adapt to known or unforeseen market developments, our business may be harmed.

The market for our connected learning platform is still unproven and rapidly changing. Historically, we generated the majority of our revenues from print textbooks. Print textbook rental is highly capital intensive and presents both business planning and logistical challenges that are complex. To reduce our investment in the highly capital intensive nature of print textbook rentals, we entered into a partnership with Ingram wherein Ingram makes all new investments in the rental library of print textbooks, taking title and risk of loss for the books, and provides logistical and fulfillment services for the print textbooks that we rent and sell. The partnership allows us to market, use our branding and maintain the customer experience around print textbook rentals, while reducing our investments in textbook inventory, fulfillment and logistics operations. As a result of this change, we stopped making additional investments in our textbook library beginning in May 2015 and we liquidated substantially all of our remaining inventory of print textbooks during 2016. The transition of these aspects of our print textbook offerings to Ingram is now complete. Our partnership with Ingram is non-exclusive and subject to significant risks, including Ingram's ability to acquire textbooks and manage logistical and fulfillment activities for us, our ability to create a successful and profitable partnership, and that we and/or Ingram may elect to terminate the partnership sooner than anticipated.

We have added and plan to continue to add new offerings to our connected learning platform, including, for example writing tools, to diversify our sources of revenues, which will require us to make substantial investments in the products and services we develop or acquire. New offerings may not achieve market success at levels that recover our investment or contribute to profitability. Because these offerings are not as capital intensive as our print textbook rental service, the barriers to entry for existing and future competitors may be lower and allow for even more rapid changes to the market. Furthermore, the market for these other products and services is relatively new and may not develop as we expect. If the market for our offerings does not develop as we expect, or if we fail to address the needs of this market, our business will be harmed. We may not be successful in executing on our evolving business model, and if we cannot provide an increasing number of products and services that students, colleges and brands find compelling, we will not be able to continue our recent growth and increase our revenues, margins and profitability.

For all of these reasons, the evolution of our business model is ongoing and the future revenues and income potential of our business is uncertain.

If our efforts to attract new students to use our products and services and increase student engagement with our connected learning platform are not successful, our business will be adversely affected.

The growth of our business depends on our ability to attract new students to use our products and services and to increase the level of engagement by existing students with our connected learning platform. The substantial majority of our revenues depends on small transactions made by a widely dispersed student population with an inherently high rate of turnover primarily as a result of graduation. Many of the students we desire to attract are accustomed to obtaining textbooks through bookstores or used booksellers. The rate at which we expand our student user base and increase student engagement with our connected learning platform may decline or fluctuate because of several factors, including:

our ability and Ingram's ability to consistently provide students with a convenient, high quality experience for selecting, receiving and returning print textbooks; our ability and Ingram's ability to accurately forecast and respond to student demand for print textbooks; the pricing of our physical textbooks and eTextbooks for rental or sale in relation to other alternatives, including the prices offered by publishers or by other competing textbook rental providers; the quality and prices of our offerings compared to those of our competitors; the rate of adoption of eTextbooks and our ability to capture a significant share of that market; our ability to engage high school students with our College Admissions and Scholarship Services, Chegg Tutors, Chegg Test Prep and Chegg Writing Tools; thanges in student spending levels; the effectiveness of our sales and marketing efforts; and our ability to introduce new products and services that are favorably received by students.

If we do not attract more students to our connected learning platform and the products and services that we offer or if students do not increase their level of engagement with our platform, our revenues may grow more slowly than expected or decline. Many students use our print textbook service as a result of word-of-mouth advertising and referrals from students who have used this service in the past. If our efforts to satisfy our existing student user base are not successful, we may not be able to attract new students and, as a result, our business will be adversely affected.

If our efforts to build a strong brand are not successful, we may not be able to grow our student user base, which could adversely affect our operating results.

We believe our brand is a key asset of our business. Developing, protecting and enhancing the "Chegg" brand is critical to our ability to expand our student user base and increase student engagement with our connected learning platform. A strong brand also helps to counteract the significant student turnover we experience from year to year as students graduate and differentiates us from our competitors.

To succeed in our efforts to strengthen our brand identity, we must, among other activities:

maintain our reputation as a trusted source of textbooks, content and services for students;

maintain the quality of and improve our existing products and services;

maintain and control the quality of our brand while Ingram handles our textbook fulfillment logistics;

introduce products and services that are favorably received;

adapt to changing technologies;

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adapt to students' rapidly changing tastes, preferences, behavior and brand loyalties;

protect our students' data, such as passwords and personally identifiable information;

protect our trademark and other intellectual property rights;

continue to expand our reach to students in high school, graduate school and internationally;

- ensure that the content posted to our website by students is reliable and does not infringe on third-party
- copyrights or violate other applicable laws, our terms of use or the ethical codes of those students' colleges; adequately address students' concerns with our products and services; and

convert and fully integrate the brands and students that we acquire, including Imagine Easy Solutions and Internships.com, each into the Chegg brand and Chegg.com.

Our ability to successfully achieve these goals is not entirely within our control and we may not be able to maintain the strength of our brand or do so in a cost effective manner. Factors that could negatively affect our brand include:

changes in student sentiment about the quality or usefulness of our connected learning platform and our products and services;

problems that prevent Ingram, from delivering textbooks reliably or timely;

technical or other problems that prevent us from providing our products and services reliably or otherwise negatively affect the student experience on our website or our mobile application;

concern from colleges about the ways students use our content offerings, such as our Expert Answers service; brand conflict between acquired brands and the Chegg brand;

student concerns related to privacy and the way in which we use student data as part of our products and services;

• the reputation or products and services of competitive companies; and

students' misuse of our products and services in ways that violate our terms of services, applicable laws or the code of conduct at their colleges.

We intend to offer new products and services to students to grow our business. If our efforts are not successful, our business and financial results would be adversely affected.

Our ability to attract and retain students and increase their engagement with our connected learning platform depends on our ability to connect them with the product, person or service they need to save time, save money, and get smarter. Part of our strategy is to offer students new products and services in an increasingly relevant and personalized way. We may develop such products and services independently, by acquisition or in conjunction with developers and other third parties. For example, in 2016, we acquired Writing Tools service in the acquisition of Imagine Easy Solutions, and we developed Chegg Test Prep internally, the paid version of which we launched in July 2016. The markets for these new products and services may be unproven, and these products may include technologies and business models with which we have little or no prior development or operating experience or may significantly change our existing products and services. In addition, we may be unable to obtain long-term licenses from third-party content providers necessary to allow a product or service, including a new or planned product or service, to function. If our new or enhanced products and services fail to engage our students or attract new students, or if we are unable to obtain content from third parties that students want, we may fail to grow our student base or generate sufficient revenues, operating margin or other value to justify our investments, and our business would be adversely affected.

In the future, we may invest in new products and services and other initiatives to generate revenues, but there is no guarantee these approaches will be successful. Acquisitions of new companies, products and services create integration risk, while development of new products and services and enhancements to existing products and services involve significant time, labor and expense and are subject to risks and challenges including managing the length of the development cycle, entry into new markets, integration into our existing business, regulatory compliance, evolution in sales and marketing methods and maintenance and protection of intellectual property and proprietary rights. If we are not successful with our new products and services, we may not be able to maintain or increase our revenues as anticipated or recover any associated development costs, and our financial results could be adversely affected. For example, in 2014 we acquired a print coupon business, which we later determined to no longer support or expand, and as a result, in 2014 recorded an impairment charge of \$1.6 million related to the write-off of intangible assets from that acquisition.

Our future revenues depend on our ability to continue to attract new students from a high school and college student population that has an inherently high rate of turnover primarily due to graduation, requiring us to invest continuously in marketing to the student population to build brand awareness and loyalty, which we may not be able to accomplish on a cost-effective basis or at all.

We are dependent on the acquisition of new students from a high school and college student population that has an inherently high rate of turnover primarily due to graduation. Most incoming college students will not have previously used products and services like the ones we provide which are geared towards the college market. We rely heavily on word-of-mouth and other marketing channels, including online advertising, search engine marketing and social media. The student demographic is characterized by rapidly changing tastes, preferences, behavior, and brand loyalty. Developing an enduring business model to serve this population is particularly challenging. Our ability to attract new students depends not only on investment in our brand and our marketing efforts, but also on the perceived value of our products and services versus competing alternatives among our extremely price conscious student user base. If our marketing initiatives are not successful or become less effective, or if the cost of such initiatives were to significantly increase, we may not be able to attract new students as successfully or efficiently and, as a result, our revenues and results of operations would be adversely affected. Even if our marketing initiatives succeed in establishing brand awareness and loyalty, we may be unable to maintain and grow our student user base if our competitors, some of

whom are substantially larger and have greater financial resources, adopt aggressive pricing strategies to compete against us. If we are unable to offer competitive prices for our products and services fewer students may use our connected learning platform, products or services.

If we are not able to manage the growth of our business both in terms of scale and complexity, our operating results and financial condition could be adversely affected.

We have expanded rapidly since we launched our online print textbook rental service in 2007. We anticipate further expanding our operations to offer additional products, services and content to help grow our student user base and to take advantage of favorable market opportunities. As we grow, our operations and the technology infrastructure we use to manage and account for our operations will become more complex, and managing these aspects of our business will become more challenging. Any future expansion will likely place significant demands on our resources, capabilities and systems, and we may need to develop new processes and procedures and expand the size of our infrastructure to respond to these demands. If we are

not able to respond effectively to new and increasingly complex demands that arise because of the growth of our business, or, if in responding to such demands, our management is materially distracted from our current operations, our operating results and financial condition may be adversely affected.

We may not realize the anticipated benefits of acquisitions, which could disrupt our business and harm our financial condition and results of operations.

As part of our business strategy, we have made and intend to make acquisitions to add specialized employees, complementary businesses, products, services, operations or technologies. Realizing the benefits of acquisitions depends, in part, on our successful integration of acquired companies including their technologies, products, services, operations and personnel in a timely and efficient manner. We may incur significant costs integrating acquired companies and if our integration efforts are not successful we may not be able to offset our acquisition costs. Acquisitions involve many risks that may negatively impact our financial condition and results of operations, including the risks that the acquisitions may:

require us to incur charges and substantial debt or liabilities;

cause adverse tax consequences, substantial depreciation or deferred compensation charges; result in acquired in-process research and development expenses or in the future may require the amortization, write-down or impairment of amounts related to deferred compensation, goodwill and other intangible assets; and give rise to various litigation risks, including the increased likelihood of litigation.

In addition:

we may not generate sufficient financial return to offset acquisition costs;

we may encounter difficulties or unforeseen expenditures in integrating the business, technologies, products, services, operations and personnel of any company that we acquire, particularly if key personnel of the acquired company decide not to work for us;

an acquisition may disrupt our ongoing business, divert resources, increase our expenses and distract our management;

an acquisition may delay adoption rates or reduce engagement rates for our products and services and those of the company acquired by us due to student uncertainty about continuity and effectiveness of service from either company; we may encounter difficulties in, or may be unable to, successfully sell or otherwise monetize any acquired products and services; and

an acquisition may involve the entry into geographic or business markets in which we have little or no prior experience.

Acquired companies, businesses and assets can be complex and time consuming to integrate. For example, we recently expanded into internships with the acquisition of Internships.com in October 2014 and into writing tools with the acquisition of Imagine Easy Solutions in 2016. We are currently in the process of transitioning these users to the Chegg platform and integrating these brands into the Chegg platform. We may not successfully transition these users to the Chegg platform.

In addition, we have made, and may make in the future, acquisitions that we later determine are not complementary with our evolving business model. For example, in 2014 we acquired a print coupon business, which we later determined to no longer support or expand and as a result, in 2014 recorded an impairment charge of \$1.6 million related to the write-off of acquired intangible assets.

We may pursue additional acquisitions in the future to add specialized employees, complementary companies, products, services or technologies. Our ability to acquire and integrate larger or more complex companies, products, or technologies in a successful manner is unproven. We may not be able to find suitable acquisition candidates, and

we may not be able to complete acquisitions on favorable terms, if at all. To finance any future acquisitions we may issue equity, which could be dilutive, or debt, which could be costly, potentially dilutive, and require substantial restrictions on the conduct of our business. If we fail to successfully complete any acquisitions, integrate the services, products, personnel, operations or technologies associated with such acquisitions into our company, or identify and address liabilities associated with the acquired business or assets, our business, revenues and operating results could be adversely affected. Any future acquisitions we complete may not achieve our goals.

We rely on third-party software and service providers, including Amazon Web Services (AWS), to provide systems, storage and services for our website. Any failure or interruption experienced by such third parties could result in the inability of students to use our products and services, result in a loss of revenues and harm our reputation.

We rely on third-party software and service providers, including AWS, to provide systems, storage and services, including user log in authentication, for our website. Any technical problem with, cyber-attack on, or loss of access to such third parties' systems, servers or technologies could result in the inability of our students to rent or purchase print textbooks, interfere with access to our digital content and other online products and services or result in the theft of end-user personal information.

Our reliance on AWS makes us vulnerable to any errors, interruptions, or delays in their operations. Any disruption in the services provided by AWS could harm our reputation or brand or cause us to lose students or revenues or incur substantial recovery costs and distract management from operating our business. AWS may terminate its agreement with us upon 30 days' notice. Upon expiration or termination of our agreement with AWS, we may not be able to replace the services provided to us in a timely manner or on terms and conditions, including service levels and cost, that are favorable to us, and a transition from one vendor to another vendor could subject us to operational delays and inefficiencies until the transition is complete.

We rely heavily on our proprietary technology to process deliveries and returns of the textbooks and to manage other aspects of our operations. The failure of this technology to operate effectively, particularly during peak periods, could adversely affect our ability to retain and attract student users.

We use complex proprietary software to process deliveries and returns of the textbooks and to manage other aspects of our operations, including systems to consider the market price for textbooks, general availability of textbook titles and other factors to determine how to buy textbooks and set prices for textbooks and other content in real time. We rely on the expertise of our engineering and software development teams to maintain and enhance the software used for our distribution operations. We cannot be sure that the maintenance and enhancements we make to our distribution operations will achieve the intended results or otherwise be of value to students. If we are unable to maintain and enhance our technology to manage the shipping and return of textbooks in a timely and efficient manner, particularly during peak periods, our ability to retain existing students and to add new students may be impaired.

Any significant disruption to our computer systems, especially during peak periods, could result in a loss of students, colleges and/or brands which could harm our business, results of operations and financial condition.

We rely on computer systems housed in six facilities, three located on the East Coast and three located on the West Coast, to manage our operations. We have experienced and expect to continue to experience periodic service interruptions and delays involving our systems. While we maintain a live fail-over capability that would allow us to switch our operations from one facility to another in the event of a service outage, that process would still result in service interruptions that could be significant in duration. These service interruptions could have a disproportionate effect on our operations if they were to occur during one of our peak periods. Our facilities are vulnerable to damage or interruption from earthquakes, floods, fires, power loss, telecommunications failures and similar events. Our facilities also are subject to break-ins, sabotage, intentional acts of vandalism, the failure of physical, administrative and technical security measures, terrorist acts, natural disasters, human error, the financial insolvency of our third-party vendors, and other unanticipated problems or events. The occurrence of any of these events could result in interruptions in our service and unauthorized access to, theft or alteration of, the content and data contained on our systems. We also rely on systems and infrastructure of the Internet could hinder our ability to operate our business, damage our reputation or brand and result in a loss of students, colleges or brands which could harm our business, results of operations and financial condition.

Increased activity during peak periods places substantially increased strain on our operations and any failure to deliver our products and services during these periods will have an adverse effect on student satisfaction and our revenues.

We historically experience a disproportionate amount of activity to occur on our website at the beginning of each academic term as students search our textbook catalog and place orders for course materials. If too many students access our website within a short period of time due to increased demand, we may experience system interruptions that make our website unavailable, slowed or prevent Ingram from efficiently fulfilling rental orders, which may reduce the volume of textbooks we are able to rent or sell and may also impact our ability to sell marketing services to colleges and brands. In addition, during peak periods, we utilize, and Ingram utilizes, independent contractors and temporary personnel to supplement the workforce primarily in our student advocacy organizations and in Ingram's warehouses. Competition for qualified personnel has historically been intense, and we or Ingram may be unable to adequately staff our student advocacy organizations or Ingram's warehouses during these peak periods. For example, during the 2014 fall rush period, our staffing agencies were not able to provide as many temporary personnel as we expected. Any understaffing could lead to an increase in both the amount of time required to ship textbooks, which could lead to student dissatisfaction, and increase the amount of time required to process a rental return, which could result in Ingram purchasing more inventory than necessary. Moreover, UPS and FedEx, the third-party carriers that Ingram primarily relies on to deliver textbooks to students, and publishers, wholesalers and distributors that ship directly to our students may be unable to meet our shipping and delivery requirements during peak periods, especially during inclement weather. Any such disruptions to our business could cause our customers to be dissatisfied with our products and services and have an adverse effect on our revenues.

Computer malware, viruses, hacking, phishing attacks and spamming could harm our business and results of operations.

Computer malware, viruses, physical or electronic break-ins and similar disruptions could lead to interruptions and delays in our services and operations and loss, misuse or theft of data. Computer malware, viruses, computer hacking and phishing attacks against online networking platforms have become more prevalent and may occur on our systems in the future. We believe that we could be a target for such attacks because of the incidence of hacking among students.

Any attempts by hackers to disrupt our website service or our internal systems, if successful, could harm our business, be expensive to remedy and damage our reputation or brand. Our network security business disruption insurance may not be sufficient to cover significant expenses and losses related to direct attacks on our website or internal systems. Efforts to prevent hackers from entering our computer systems are expensive to implement and may limit the functionality of our services. Though it is difficult to determine what, if any, harm may directly result from any specific interruption or attack, any failure to maintain performance, reliability, security and availability of our products and services and technical infrastructure may harm our reputation, brand and our ability to attract students to our website. Any significant disruption to our website or internal computer systems could result in a loss of students, colleges or brands and, particularly if disruptions occur during the peak periods at the beginning of each academic term, could adversely affect our business and results of operations.

We may not timely and effectively scale and adapt our existing technology and network infrastructure to ensure that our connected learning platform is accessible and delivers a satisfactory user experience to students.

It is important to our success that students be able to access our connected learning platform at all times. We have previously experienced, and may in the future experience, service disruptions, outages and other performance problems due to a variety of factors, including infrastructure changes, third-party service providers, human or software errors and capacity constraints due to an overwhelming number of students accessing our platform simultaneously. If our connected learning platform is unavailable when students attempt to access it or it does not load as quickly as they

expect, students may seek other services to obtain the information for which they are looking and may not return to our platform as often in the future, or at all. This would negatively impact our ability to attract students and brands and the frequency with which they use our website and mobile applications.

Our platform functions on software that is highly technical and complex and may now or in the future contain undetected errors, bugs, or vulnerabilities. Some errors in our software code may only be discovered after the code has been deployed. Any errors, bugs, or vulnerabilities discovered in our code after deployment, inability to identify the cause or causes of performance problems within an acceptable period of time or difficultly maintaining and improving the performance of our platform, particularly during peak usage times, could result in damage to our reputation or brand, loss of students, colleges and brands, loss of revenues, or liability for damages, any of which could adversely affect our business and financial results.

We expect to continue to make significant investments to maintain and improve the availability of our platform and to enable rapid releases of new features and products. To the extent that we do not effectively address capacity constraints,

upgrade our systems as needed and continually develop our technology and network architecture to accommodate actual and anticipated changes in technology, our business and operating results may be harmed.

We have a disaster recovery program to transition our operating platform and data to a failover location in the event of a catastrophe and have tested this capability under controlled circumstances, however, there are several factors ranging from human error to data corruption that could materially lengthen the time our platform is partially or fully unavailable to our student user base as a result of the transition. If our platform is unavailable for a significant period of time as a result of such a transition, especially during peak periods, we could suffer damage to our reputation or brand, loss of students, colleges and brands or loss of revenues any of which could adversely affect our business and financial results.

Our reputation and relationships with students and tutors would be harmed if our users' data, particularly billing data, were to be accessed by unauthorized persons.

We maintain personal data regarding students and tutors who use our platform, including names and, in many cases, mailing addresses, and, in the case of tutors, information necessary for payment and tax filings. We take measures to protect against unauthorized intrusion into our users' data. However, despite these measures, if we or our payment processing services experience any unauthorized intrusion into our users' data, current and potential users may become unwilling to provide the information to us necessary for them to engage with our platform, we could face legal claims and our business and reputation could be adversely affected. The breach of a third-party's website, resulting in theft of user names and passwords, could result in the fraudulent use of that user login information on our platform. In addition, we do not obtain signatures from students in connection with the use of credit cards by them. Under current credit card practices, to the extent we do not obtain cardholders' signatures, we are liable for fraudulent credit card transactions, even when the associated financial institution approves payment of the orders. From time to time, fraudulent credit cards may be used. We may experience some loss from these fraudulent transactions. As an example, we discovered in 2014 that certain individuals fraudulently obtained several thousand textbooks from us. While we do have safeguards in place, we cannot be certain that other fraudulent schemes will not be successful. A failure to adequately control fraudulent transactions would harm our business and results of operations.

Difficulties that could arise from our partnership with Ingram may have an adverse effect on our business and results of operations.

We rely on Ingram to make new investments in the textbook library and fulfill our print textbook rentals and sales orders. We purchase used books on Ingram's behalf, including books through our buyback program, and invoice Ingram at cost. As we no longer own a significant number of textbooks, we have become increasingly committed to this strategic partnership. If our continuing partnership with Ingram is interrupted or if Ingram experiences disruptions in its business or is not able to perform as anticipated, Ingram may not be able to reimburse us for the books we have procured on its behalf, especially after having moved to normal payment terms in January 2017, or we may experience operational difficulties, an inability to fulfill print textbook orders, increased costs and a loss of business, as well as a greater than expected deployment of capital for textbook acquisition, that may have a material adverse effect on our business, results of operations and financial condition. Furthermore, if we are unable to achieve the financial return targets set forth in our agreement with Ingram, we could be required to make additional payments to Ingram which could adversely affect our results of operations.

Ingram purchases, and we price, textbooks based on anticipated levels of demand and other factors that we estimate based on historical experience and various other assumptions. If actual results differ materially from our estimates, our gross margins may decline.

The print textbook rental distribution model requires our fulfillment partner, Ingram, to make substantial investments in its print textbook library based on our expectations regarding numerous factors, including ongoing demand for these titles in print form. To realize a return on its investments, we must rent each purchased textbook multiple times, and as such, we are exposed to the risk of not achieving financial return targets set forth in our agreement with Ingram, which could result in additional payments to Ingram and adversely affect our results of operations. We typically plan the textbook purchases based on factors such as pricing, our demand forecast for the most popular titles, estimated timing of edition changes, estimated utilization levels and planned liquidations of stale, old or excess titles in the print textbook library. These factors are highly unpredictable and can fluctuate substantially, especially if pricing pressure becomes more intense, as we have seen in recent rush cycles, or demand is reduced due to seasonality or other factors, including increased use of eTextbooks. We rely on a proprietary model to analyze and optimize the purchasing decisions and rely on inputs from third parties including publishers, distributors, wholesalers and colleges to make our decisions. We also rely on students to return print textbooks to Ingram in a timely manner and in good condition so that we can re-rent or sell those textbooks. If the information we receive from third parties is not accurate or reliable, if students fail to return books or return damaged books, or if we for any other reason forecast demand inaccurately and cause Ingram to acquire insufficient copies of specific textbooks, we may be unable to satisfy student

demand or we may have to incur significantly increased costs in order to do so, in which event our student satisfaction and results of operations could be affected adversely. Conversely, if we attempt to mitigate this risk and cause Ingram to acquire more copies than needed to satisfy student demand, then our textbook utilization rates would decline and we may be required to make additional payments to Ingram and our gross margins would be affected adversely.

When deciding whether to offer a textbook for rent and the price we charge for that rental, we also must weigh a variety of factors and assumptions and if our judgments or assumptions are incorrect, our gross margins may be adversely affected. Certain textbooks cost more to acquire depending on the source from which they are acquired and the terms on which they are acquired. We must factor in some projection of the number of rentals we will be able to achieve with such textbooks and at what rental price, among other factors, to determine whether we believe it will be profitable to cause Ingram to acquire such textbooks and for us to offer them for rent. If the textbooks Ingram acquires are lost, determined to be unauthorized copies, or damaged prematurely, Ingram may not be able to recover its costs or generate revenues on those textbooks. If we are unable to effectively make decisions about whether to cause Ingram to acquire textbooks, including if the assumptions upon which our decisions are made prove to be inaccurate, our gross margins may decline significantly and if, as a result, we are unable to achieve the financial return targets set forth in our agreement with Ingram, we could be required to make additional payments to Ingram which could adversely affect our results of operations.

If Ingram's relationships with the shipping providers that deliver textbooks directly to our students are terminated or impaired, if shipping costs increase or if these vendors are unable to timely deliver textbooks to our students, our business and results of operations could be substantially harmed.

Ingram predominantly relies on UPS to deliver textbooks from its textbook warehouse and to return textbooks to Ingram from our students. To a lesser extent Ingram relies on FedEx for delivery of print textbook rentals and on publishers, distributors and wholesalers to fulfill a certain portion of textbook sales orders and liquidations. As a result, our business could be subject to carrier disruptions and increased costs due to factors that are beyond our control, including labor difficulties, inclement weather, increased fuel costs and other rising costs of transportation and terrorist activity. If UPS were to limit its services or delivery areas, such as by the discontinuation of Saturday delivery service, Ingram's ability to timely deliver textbooks could diminish, and our student satisfaction could be adversely affected. If Ingram's relationships with its shipping vendors are terminated or impaired or if Ingram's shipping vendors are unable to deliver merchandise for us, Ingram may be unable to sufficiently engage alternative carriers on a timely basis or on terms favorable to them, if at all. If textbooks are not delivered on time to students, they could become dissatisfied and discontinue their use of our service, which could adversely affect our operating results.

We may need additional capital, and we cannot be sure that additional financing will be available or on favorable terms.

Historically, investments in our business have substantially exceeded the cash we have generated from our operations. We have funded our operating losses and capital expenditures through proceeds from equity and debt financings, equipment leases and cash flow from operations. Although we currently anticipate that our available funds and cash flow from operations will be sufficient to meet our cash needs for the foreseeable future, we may require additional financing, particularly if the investment required to fund our operations is greater than we anticipate or we choose to invest in new technologies or complementary businesses or change our business model. Our ability to obtain financing will depend, among other things, on our development efforts, business plans, operating performance and condition of the capital markets at the time we seek financing. Additional financing may not be available to us on favorable terms when required, or at all especially considering that we no longer own a print textbook library, which we previously used as collateral for our debt financings. If we raise additional funds through the issuance of equity, equity-linked or

debt securities, those securities may have rights, preferences or privileges senior to the rights of our common stock, and our stockholders may experience substantial dilution.

We face significant competition in each aspect of our business, and we expect such competition to increase, particularly in the market for textbooks.

Our products and services compete for students, colleges and advertisers and we expect such competition to increase, as described below.

Products and Services for Students. Our Chegg Services face competition from different businesses depending on the offering. For Chegg Study, our competitors primarily include publishers that provide study materials and online instructional systems. Additionally, we face competition from free services such as Yahoo! Answers and Brain.ly for our Expert Answers service. For our Chegg Tutors services, we face competition from other online tutoring services such as Tutors.com and Varsity Tutors. For our writing tools, we primarily face competition

from other citation generating services such as Noodle Tools. The market for textbooks and supplemental materials is intensely competitive and subject to rapid change. We face competition from college bookstores, some of which are operated by Follett and Barnes & Noble Education, online marketplaces such as Amazon.com and providers of eTextbooks such as Apple iTunes, and Blackboard, as well as various private textbook rental websites. Many students purchase from multiple textbook providers, are highly price sensitive and can easily shift spending from one provider or format to another. As a consequence, our Required Materials product line, which includes eTextbooks, competes primarily on price and further on selection and functionality and compatibility of our eTextbook Reader across a wide variety of desktop and mobile devices.

Enrollment Marketing Services. With respect to our enrollment marketing services, we compete against traditional methods of student recruitment, including student data providers such as standardized test providers, radio, television and Internet advertising and print mail marketing programs. In this area, we compete primarily on the basis of the number of high-quality connections between prospective students and colleges we are able to provide as well as on price. We are able to create these connections by providing prospective students with an easy-to-use platform to input their academic information and aspirations, learn about colleges, locate scholarships and financial aid and facilitate and streamline the application process.

Brand Advertising. With respect to brands, we compete with online and offline outlets that generate revenues from advertisers and marketers, especially those that target high school and college students. In this area, we seek to partner with brands that have offerings that will interest or delight students and have received very positive comments and feedback from students on these offerings. We provide these brands with preferential access to our audience, which we believe represents a highly engaged portion of the target demographic of our brand partners.

Our industry is evolving rapidly and is becoming increasingly competitive. Many of our competitors have longer operating histories, larger customer bases, greater brand recognition and significantly greater financial, marketing and other resources than we do. Some of our competitors have adopted, and may continue to adopt, aggressive pricing policies and devote substantially more resources to marketing, website and systems development than we do. In addition, a variety of business models are being pursued for the provision of print textbooks, some of which may be more profitable or successful than our business model. For example, a recent U.S. Supreme Court decision may make it easier for third parties to import low-cost "gray market" textbooks for resale in the United States, and these textbooks may compete with our offerings. In addition, Follett has partnered with some colleges through its includED program, which allows schools to deliver required course materials directly to students by including them in the cost of college as part of tuition and fees. Such strategic alliances may eliminate our ability to compete favorably with our Required Materials product line because of the added convenience they offer to students, which may result in reduced textbook rentals, loss of market share and reduced revenues. In addition, our competitors also may form or extend strategic alliances with publishers that could adversely affect Ingram's ability to obtain textbooks on favorable terms. We face similar risks from strategic alliances by other participants in the education ecosystem with respect to our newer offerings. We may, in the future, establish alliances or relationships with other competitors or potential competitors. To the extent such alliances are terminated or new alliances and relationships are established, our business could be harmed.

Our business is seasonal and we have increased risk from disruption during peak periods which makes our operating results difficult to predict.

We derive a significant portion of our net revenues from print textbook rental and, to a lesser extent, sale transactions, which occur in large part during short periods of time around the commencement of the fall, winter and spring academic terms. In particular, we and Ingram experience the largest increase in rental and sales volumes during the last two weeks of August and first two weeks of September and to a lesser degree in December and in January. The increased volume of orders that we and Ingram have to process during these limited periods of time means that any

shortfalls or disruptions in our operations during these peak periods will have a disproportionately large impact on our annual operating results and the potential future growth of our business.

As a result of this seasonality, which corresponds to the academic calendar, our revenues fluctuate significantly quarter to quarter depending upon the timing of where we are in our "rush" cycle and sequential quarter-over-quarter comparisons of our revenues and operating results are not likely to be meaningful. In addition, our operating results for any given quarter cannot be used as an accurate indicator of our results for the year. In particular, we anticipate that our ability to accurately forecast financial results for future periods will be most limited at the time we present our second quarter financial results, which will generally occur midsummer and precede the "fall rush." In addition, our other offerings, in particular services unrelated to textbooks, are relatively new and, as a result, we have limited experience with forecasting revenues from them.

The fourth quarter has typically been our highest performing quarter as we were recognizing a full quarter of revenues on print textbooks that we owned from peak volumes in August and September and partial revenues from peak volumes in December, while the second quarter has typically been our lowest performing quarter as students start their summer vacations and the volume of our textbook rentals and sales and purchases of supplemental materials and Chegg Study decreases. With Ingram fulfilling our print textbook rental orders, we now expect our first and third quarters to be higher as we now recognize a commission immediately on the transaction of an Ingram-owned print textbook rather than recognizing the revenues ratably over the term the student rents one of our print textbooks.

We base our operating expense budgets on expected net revenue trends. Operating expenses, similar to revenues and cost of revenues, fluctuate significantly quarter to quarter due to the seasonality of our business and are generally higher during the first and third quarters as we incur marketing expense in connection with our peak periods at the beginning of each academic term. Because our revenues were historically concentrated in the fourth quarter and expenses are concentrated in the first and third quarters, we have experienced operating losses in the first and third quarters and operating income in the fourth quarter. As a result, sequential quarterly comparison of our financial results has not been meaningful. We expect our seasonality to shift as a result of our expenses, such as office space lease obligations and personnel costs, are largely fixed and are based on our expectations of our peak levels of operating. The Ingram partnership has resulted in our operating expenses related to textbook acquisition, shipping and fulfillment and warehouse facility lease obligations either decrease or be eliminated and we expect that our overall operating expenses to be more evenly distributed throughout the year. Nonetheless, we expect to continue to incur significant marketing expenses during peak periods and to have fixed expenses for office space and personnel and as such, we may be unable to adjust spending quickly enough to offset any unexpected revenues shortfall. Accordingly, any shortfall in net revenues may cause significant variation in operating results in any quarter.

Growing our student user base and their engagement with our connected learning platform through mobile devices depends upon the effective operation of our mobile applications with mobile operating systems, networks and standards that we do not control.

There is no guarantee that students will use our mobile applications, such as the mobile version of our website, m.chegg.com, Chegg Flashcards and Chegg Textbook Solutions, rather than competing products. We are dependent on the interoperability of our mobile applications with popular mobile operating systems that we do not control, such as Google's Android and Apple's iOS, and any changes in such systems that degrade our products' functionality or give preferential treatment to competitive products could adversely affect the usage of our applications on mobile devices. Additionally, in order to deliver high quality mobile products, it is important that our products work well with a range of mobile technologies, systems, networks and standards that we do not control. We may not be successful in developing relationships with key participants in the mobile industry or in developing products that operate effectively with these technologies, systems, networks or standards. In the event that it is more difficult for students to access and use our applications on their mobile devices, or if students choose not to access or use our applications on their mobile devices that do not offer access to our applications, our student growth and student engagement levels could be harmed.

If we are not able to maintain the compatibility of our eTextbook Reader with third-party operating systems, demand for our eTextbooks may decline and have an adverse effect on our operating results.

Our eTextbook Reader is designed to provide students with access to eTextbooks from any device with an Internet connection and an Internet browser, including PCs, iPads, Android tablets, Kindles, Nooks and mobile phones. Our eTextbook Reader can be used across a variety of third-party operating systems. If we are not able to maintain the compatibility of our eTextbook Reader with third-party operating systems, demand for our eTextbooks could decline and revenues would be adversely affected. We may desire in the future to make our eTextbook Reader compatible

with new or existing third-party operating systems that achieve popularity within the education marketplace, and these third-party operating systems may not be compatible with our designs. Any failure on our part to modify our applications to ensure compatibility with such third-party operating systems could reduce demand for our products and services.

If the transition from print textbooks to eTextbooks does not proceed as we expect, our business and financial condition will be adversely affected.

The textbook distribution market has begun shifting toward digital distribution. If demand for eTextbooks accelerates more rapidly than we expect, we could be required to make additional payments to Ingram under our inventory purchase and consignment agreement. Conversely, if the transition to digital distribution of textbooks does not gain market acceptance as we expect, capital requirements over the long term may be greater than we expect and our opportunities for growth may be diminished. In that case, we may need to raise additional capital, which may not be available on reasonable terms, or at all, and we may not realize the potential long-term benefits of a shift to digital distribution, including greater pricing flexibility, the ability to distribute a larger library of eTextbooks compared to print textbooks and lower cost of revenues.

If publishers refuse to grant us distribution rights to digital content on acceptable terms or terminate their agreements with us, or if we are unable to adequately protect their digital content rights, our business could be adversely affected.

We rely on licenses from publishers to distribute eTextbooks to our customers and to provide some of our other products and services. We do not have long-term contracts or arrangements with most publishers that guarantee the availability of such digital content. If we are unable to secure and maintain rights to distribute, or otherwise use, the digital content upon terms that are acceptable to us, or if publishers terminate their agreements with us, we would not be able to acquire such digital content from other sources and our ability to attract new students and retain existing students could be adversely impacted. Some of our licenses give the publisher the right to withdraw our rights to distribute or use the digital content without cause and/or give the publisher the right to terminate the entire license agreement without cause. If a publisher exercises such a right, this could adversely affect our business and financial results. Moreover, to the extent we are able to secure and maintain rights to distribute eTextbooks, our competitors may be able to obtain the same rights on more favorable terms.

In addition, our ability to distribute eTextbooks depends on publishers' belief that we include effective digital rights management technology to control access to digital content. If the digital rights management technology that we use is compromised or otherwise malfunctions, we could be subject to claims, and publishers may be unwilling to include their content in our service. If users are able to circumvent the digital rights management technology that we use, they may acquire unauthorized copies of the textbooks that they would otherwise rent from us, which could decrease our textbook rental volume and adversely affect our results of operations.

If we fail to convince brands of the benefits of advertising on our platform or to use our marketing services, our business could be harmed.

Our business strategy includes increasing our revenues from brand advertising. Brands may view our connected learning platform as experimental and unproven. They may not do business with us, or may reduce the amounts they are willing to spend to advertise with us, if we do not deliver ads, sponsorships and other commercial content and marketing programs in an effective manner, or if they do not believe that their investment in advertising with us will generate a competitive return relative to other alternatives. Our ability to grow the number of brands that use our brand advertising, and ultimately to generate advertising and marketing services revenues, depends on a number of factors, including our ability to successfully:

compete for advertising and marketing dollars from colleges, brands, online marketing and media companies and advertisers;

- penetrate the market for student-focused
- advertising;

develop a platform that can deliver advertising and marketing services across multiple channels, including print, email, Internet, mobile applications and other connected devices;

improve our analytics and measurement solutions to demonstrate the value of our advertising and marketing services; maintain the retention, growth and engagement of our student user base;

strengthen our brand and increase our presence in media reports and with publicity companies that utilize online platforms for advertising and marketing purposes;

create new products that sustain or increase the value of our advertising and marketing services and other commercial content;

manage changes in the way online advertising and marketing services are priced;

weather the impact of macroeconomic conditions and conditions in the advertising industry and higher education in general; and

manage legal developments relating to data privacy, advertising or marketing services, legislation and regulation and litigation.

If Internet search engines' methodologies are modified or our search result page rankings decline for other reasons, student engagement with our website could decline.

We depend in part on various Internet search engines, such as Google, Bing and Yahoo!, to direct a significant amount of traffic to our website. Similarly, we depend on mobile app stores such as iTunes and Google Play to allow students to locate and download Chegg mobile applications that enable our service. Our ability to maintain the number of students directed to our website is not entirely within our control. Our competitors' search engine optimization (SEO) efforts may result in their websites receiving a higher search result page ranking than ours, or Internet search engines could revise their methodologies in an attempt to improve their search results, which could adversely affect the placement of our search result page ranking or in ways that make it harder for students to find our website, or if our competitors' SEO efforts are more successful than ours, overall growth could slow, student engagement could decrease, and fewer students may use our platform. These modifications may be prompted by search engine companies entering the online networking market or aligning with competitors. Our website has experienced fluctuations in search result rankings in the past, and we anticipate similar fluctuations in the future. Any reduction in the number of students directed to our website could harm our business and operating results.

Our core value of putting students first may conflict with the short-term interests of our business.

We believe that adhering to our core value of putting students first is essential to our success and in the best interests of our company and the long-term interests of our stockholders. In the past, we have forgone, and in the future we may forgo, short-term revenue opportunities that we do not believe are in the best interests of students, even if our decision negatively impacts our operating results in the short term. For example, we offer free services to students that require investment by us, such as our Internships service, in order to promote a more comprehensive solution. We also developed the Chegg for Good program to connect students and employees with partners to engage them in causes related to education and the environment. We work with the nonprofit conservation organization American Forest to plant trees around the world and our funding has enabled the planting of more than six million trees to date. We formed the Chegg Foundation, a California nonprofit public benefit corporation, to engage in charitable and education-related activities, which we funded with one percent of the net proceeds from our IPO in November 2013. Our philosophy of putting students first may cause us to make decisions that could negatively impact our relationships with publishers, colleges and brands, whose interests may not always be aligned with ours or those of our students. Our decisions may not result in the long-term benefits that we expect, in which case our level of student satisfaction and engagement, business and operating results could be harmed.

If we are required to discontinue certain of our current marketing activities, our ability to attract new students may be adversely affected.

Laws or regulations may be enacted which restrict or prohibit use of emails or similar marketing activities that we currently rely on. For example:

the CAN-SPAM Act of 2003 and similar laws adopted by a number of states regulate unsolicited commercial emails, ereate criminal penalties for emails containing fraudulent headers and control other abusive online marketing practices;

the U.S. Federal Trade Commission (FTC) has guidelines that impose responsibilities on companies with respect to communications with consumers and impose fines and liability for failure to comply with rules with respect to advertising or marketing practices they may deem misleading or deceptive; and

the TCPA restricts telemarketing and the use of automated telephone equipment. The TCPA limits the use of automatic dialing systems, artificial or prerecorded voice messages and SMS text messages. It also applies to unsolicited text messages advertising the commercial availability of goods or services. Additionally, a number of

states have enacted statutes that address telemarketing. For example, some states, such as California, Illinois and New York, have created do-not-call lists. Other states, such as Oregon and Washington, have enacted "no rebuttal statutes" that require the telemarketer to end the call when the consumer indicates that he or she is not interested in the product being sold. Restrictions on telephone marketing, including calls and text messages, are enforced by the FTC, the Federal Communications Commission, states and through the availability of statutory damages and class action lawsuits for violations of the TCPA.

Even if no relevant law or regulation is enacted, we may discontinue use or support of these activities if we become concerned that students or potential students deem them intrusive or they otherwise adversely affect our goodwill and brand. If our marketing activities are curtailed, our ability to attract new students may be adversely affected.

Our business and growth may suffer if we are unable to hire and retain key personnel.

We depend on the contributions of our senior management and other key personnel. In particular, we rely on the contributions of our Chief Executive Officer, Dan Rosensweig. All of our executive officers and key employees are at-will employees, meaning they may terminate their employment relationship at any time. We compensate our employees through a combination of salary, benefits and equity compensation. Volatility or a decline in our stock price may affect our ability to retain and motivate key employees, each of whom has been granted stock options, RSUs or both. Competition for qualified personnel can be intense, and we may not be successful in retaining and motivating such personnel, particularly to the extent our stock price remains volatile or at a depressed level, as equity compensation plays an important role in how we compensate our employees. Such individuals may elect to seek employment with other companies that they believe have better long-term prospects. If we lose the services of one or more members of our senior management team or other key personnel, or if one or more of them decides to join a competitor or otherwise compete directly or indirectly with us, we may not be able to successfully manage our business or achieve our business objectives. Our future success also depends on our ability to identify, attract and retain highly skilled technical, managerial, finance and media procurement personnel. Qualified individuals are in high demand, particularly in the San Francisco Bay Area where our executive offices are located, and we may incur significant costs to attract them. If we are unable to attract or retain the personnel we need to succeed, our business may suffer.

Government regulation of education and student information is evolving, and unfavorable developments could have an adverse effect on our operating results.

We are subject to regulations and laws specific to the education sector because we offer our products and services to students and collect data from students. Data privacy and security with respect to the collection of personally identifiable information from students continues to be a focus of worldwide legislation and regulation. This includes significant regulation in the European Union and legislation and compliance requirements in various jurisdictions around the world. Within the United States, several states have enacted legislation that goes beyond any federal requirements relating to the collection and use of personally identifiable information and other data from students. Examples include statutes adopted by the State of California and most other States that require online services to report certain breaches of the security of personal data and a California statute that requires companies to provide choice to California customers about whether their personal data is disclosed to direct marketers or to report to California customers when their personal data has been disclosed to direct marketers. In this regard, there are a large number of legislative proposals before the U.S. Congress and various state legislative bodies regarding privacy issues related to our business. It is not possible to predict whether or when such legislation may be adopted, and certain proposals, if adopted, could harm our business through a decrease in student registrations and revenues. These decreases could be caused by, among other possible provisions, the required use of disclaimers or other requirements before students can utilize our services. We post our privacy policies and practices concerning the use and disclosure of student data on our website. However, any failure by us to comply with our posted privacy policies, FTC requirements or other privacy-related laws and regulations could result in proceedings by governmental or regulatory bodies or by private litigants that could potentially harm our business, results of operations and financial condition.

Our business may also be subject to laws specific to students, such as the Family Educational Rights and Privacy Act, the Delaware Higher Education Privacy Act and a California statute which restricts the access by postsecondary educational institutions of prospective students' social media account information. Compliance levels include disclosures, consents, transfer restrictions, notice and access provisions for which we may in the future need to build further infrastructure to further support. We cannot guarantee that we have been or will be fully compliant in every jurisdiction, as it is not entirely clear how existing laws and regulations governing educational institutions affect our business. Moreover, as the education industry continues to evolve, increasing regulation by federal, state and foreign agencies becomes more likely. Recently, California adopted the Student Online Personal Information Protection Act

which prohibits operators of online services used for K-12 school purposes from using or sharing student personal information and Colorado adopted House Bill 16-1423 designed to protect the use of student personal data in elementary and secondary school. These acts do not apply to general audience Internet websites but it is not clear how these acts will be interpreted and the breadth of services that will be restricted by it. Other states may adopt similar statutes. The adoption of any laws or regulations that adversely affect the popularity or growth in the use of the Internet particularly for educational services, including laws limiting the content that we can offer, and the audiences that we can offer that content to, may decrease demand for our service offerings and increase our cost of doing business. Future regulations, or changes in laws and regulations or their existing interpretations or applications, could also hinder our operational flexibility, raise compliance costs and result in additional historical or future liabilities for us, resulting in adverse impacts on our business and our operating results.

While we expect and plan for new laws, regulations and standards to be adopted over time that will be directly applicable to the Internet and to our student-focused activities, any existing or new legislation applicable to our business could expose us to substantial liability, including significant expenses necessary to comply with such laws and regulations and

potential penalties or fees for non-compliance, and could negatively impact the growth in the use of the Internet for educational purposes and for our services in particular. We may also run the risk of retroactive application of new laws to our business practices that could result in liability or losses. Due to the global nature of the Internet, it is possible that the governments of other states and foreign countries might attempt to change previous regulatory schemes or choose to regulate transmissions or prosecute us for violations of their laws. We might unintentionally violate such laws, such laws may be modified and new laws may be enacted in the future. Any such developments could harm our business, operating results and financial condition. We may be subject to legal liability for our offerings.

We collect, process, store and use personal information and data, which subjects us to governmental regulation and other legal obligations related to privacy and our actual or perceived failure to comply with such obligations could harm our business.

In the ordinary course of business, and in particular in connection with merchandising our service to students, we collect, process, store and use personal information and data supplied by students and tutors. We may enable students to share their personal information with each other and with third parties and to communicate and share information into and across our platform. Other businesses have been criticized by privacy groups and governmental bodies for attempts to link personal identities and other information to data collected on the Internet regarding users' browsing and other habits. There are numerous federal, state and local laws regarding privacy and the collection, storing, sharing, using, processing, disclosing and protecting of personal information and other user data, the scope of which are changing, subject to differing interpretations, and which may be costly to comply with and may be inconsistent between countries and jurisdictions or conflict with other rules.

We currently face certain legal obligations regarding the manner in which we treat such information. Increased regulation of data utilization practices, including self-regulation or findings under existing laws, or new regulations restricting the collection, use and sharing of information from minors under the age of 18, that limit our ability to use collected data could have an adverse effect on our business. In addition, if unauthorized access to our students' data were to occur or if we were to disclose data about our student users in a manner that was objectionable to them, our business reputation and brand could be adversely affected, and we could face legal claims that could impact our operating results. Our reputation and brand and relationships with students would be harmed if our billing data were accessed by unauthorized persons.

We strive to comply with all applicable laws, policies, legal obligations and industry codes of conduct relating to privacy and data protection. However, U.S. federal, U.S. state and international laws and regulations regarding privacy and data protection are rapidly evolving and may be inconsistent and we could be deemed out of compliance as such laws and their interpretation change. In addition, foreign privacy, data protection, and other laws and regulations, particularly in Europe, are often more restrictive than those in the United States. The costs of compliance with, and other burdens imposed by, such laws and regulations that are applicable to our business operations may limit the use and adoption of our services and reduce overall demand for them. Furthermore, foreign court judgments or regulatory actions could impact our ability to transfer, process and/or receive transnational data, including data relating to students or partners outside the United States. Such judgments or actions could affect the manner in which we provide our services or adversely affect our financial results if foreign students and partners are not able to lawfully transfer data to us. For example, the European Court of Justice recently invalidated the U.S.-EU Safe Harbor framework that had been in place since 2000, which allowed companies to meet certain European legal requirements for the transfer of personal data from the European Economic Area to the United States. While other adequate legal mechanisms to lawfully transfer such data remain, the invalidation of the U.S.-EU Safe Harbor framework may result in different European data protection regulators applying differing standards for the transfer of personal data, which could result in increased regulation, cost of compliance and limitations on data transfer for us and our customers. In addition, some countries are considering or have passed legislation implementing data protection requirements or requiring local

storage and processing of data or similar requirements that could increase the cost and complexity of delivering our services.

Any failure or perceived failure by us to comply with our privacy policies, our privacy or data-protection obligations to students or other third parties, our privacy or data-protection legal obligations or any compromise of security that results in the unauthorized release or transfer of sensitive information, which may include personally identifiable information or other data, may result in governmental enforcement actions, litigation or public statements against us by consumer advocacy groups or others and could cause students to lose trust in us, which could have an adverse effect on our business. Additionally, if third parties we work with, such as colleges and brands, violate applicable laws or our policies, such violations may also put our student users' information at risk and could in turn have an adverse effect on our business.

Public scrutiny of Internet privacy issues may result in increased regulation and different industry standards, which could deter or prevent us from providing our current products and services to students, thereby harming our business.

The regulatory framework for privacy issues worldwide is currently in flux and is likely to remain so for the foreseeable future. Practices regarding the collection, use, storage, display, processing, transmission and security of personal information by companies offering online services have recently come under increased public scrutiny. The U.S. government, including the White House, the FTC and the U.S. Department of Commerce, are reviewing the need for greater regulation of the collection and use of information concerning consumer behavior with respect to online services, including regulation aimed at restricting certain targeted advertising practices. The FTC in particular has approved consent decrees resolving complaints and their resulting investigations into the privacy and security practices of a number of online, social media companies. Similar actions may also impact us directly, particularly because high school students who use our Writing Tools, College Admissions, College Counseling and Scholarship Services are typically under the age of 18, which subjects our business to laws covering the protection of minors. For example, various U.S. and international laws restrict the distribution of materials considered harmful to children and impose additional restrictions on the ability of online services to collect information from minors. The FTC has also revised the rules under the Children's Online Privacy Protection Act effective July 1, 2013. Although our services are not primarily directed to children under 13, our Chegg Writing Tools, in particular, could be used by students as early as in middle school, and the FTC could decide that our site now or in the future has taken inadequate precautions to prevent children under 13 from accessing our site and providing us information.

In 2012, the White House published a report calling for a consumer privacy Bill of Rights that could impact the collection of data, and the Department of Commerce seeks to establish a consensus-driven Do-Not-Track standard that could impact on-line and mobile advertising. The State of California and several other states have adopted privacy guidelines with respect to mobile applications. Our business, including our ability to operate internationally, could be adversely affected if legislation or regulations are adopted, interpreted or implemented in a manner that is inconsistent with our current business practices and that require changes to these practices, the design of our websites, mobile applications, products, features or our privacy policy. In particular, the success of our business has been, and we expect will continue to be, driven by our ability to responsibly use the data that students share with us. Therefore, our business could be harmed by any significant change to applicable laws, regulations or industry standards or practices regarding the use or disclosure of data that students choose to share with us or regarding the manner in which the express or implied consent of consumers for such use and disclosure is obtained. Such changes may require us to modify our products and services, possibly in a material manner, and may limit our ability to develop new products and services that make use of the data that we collect about our student users.

If we become subject to liability for the Internet content that we publish or that is uploaded to our websites by students, our results of operations could be adversely affected.

As a publisher and distributor of online content, we face potential liability for negligence, copyright or trademark infringement or other claims based on the nature and content of materials that we publish or distribute. We also may face potential liability for content uploaded by students in connection with our community-related content. If we become liable, then our business may suffer. Third parties may initiate litigation against us without warning. Others may send us letters or other communications that make allegations without initiating litigation. We have in the past and may in the future receive such communications, which we assess on a case-by-case basis. We may elect not to respond to the communication if we believe it is without merit or we may attempt to resolve disputes out-of-court by removing content or services we offer or paying licensing or other fees. If we are unable to resolve such disputes, litigation may result. Litigation to defend these claims could be costly and harm our results of operations. We may not be adequately insured to cover claims of these types or indemnified for all liability that may be imposed on us. Any adverse publicity resulting from actual or potential litigation may also materially and adversely affect our reputation, which in turn could adversely affect our results of operations.

In addition, the Digital Millennium Copyright Act (DMCA) has provisions that limit, but do not necessarily eliminate, our liability for caching or hosting or for listing or linking to, content or third-party websites that include materials or other content that infringe copyrights or other intellectual property or proprietary rights, provided we comply with the strict statutory requirements of the DMCA. The interpretations of the statutory requirements of the DMCA are constantly being modified by court rulings and industry practice. Accordingly, if we fail to comply with such statutory requirements or if the interpretations of the DMCA change, we may be subject to potential liability for caching or hosting, or for listing or linking to, content or third-party websites that include materials or other content that infringe copyrights or other intellectual property or proprietary rights.

We maintain content usage review systems that, through a combination of manual and automated blocks, monitors for and makes us aware of potentially infringing content on our platform. Nevertheless, claims may continue to be brought and threatened against us for negligence, intellectual property infringement, or other theories based on the nature and content of

information, its origin and its distribution and there is no guarantee that we will be able to resolve any such claims quickly and without damage to us, our business model, our reputation or our operations. From time to time, we have been subject to copyright infringement claims, some of which we have settled. While these settlements have not had a material impact on our financial condition, we may be subject to similar lawsuits in the future, including in connection with our other services. The outcome of any such lawsuits may not be favorable to us and could have a material adverse effect on our financial condition.

Failure to protect or enforce our intellectual property and other proprietary rights could adversely affect our business and financial condition and results of operations.

We rely and expect to continue to rely on a combination of trademark, copyright, patent and trade secret protection laws, as well as confidentiality and license agreements with our employees, consultants and third parties with whom we have relationships to protect our intellectual property and proprietary rights. As of December 31, 2016, we had thirteen patents and 28 patent applications pending in the United States. We own three U.S. copyright registrations and have unregistered copyrights in our eTextbook Reader software, software documentation, marketing materials and website content that we develop. We own U.S. trademark registrations for the marks "Chegg," "Chegg.com," "Chegg Study," "Chegg for Good," "Student Hub," "internships.com," "ResearchReady," "InstaEDU," "EasyBib" and "#1 In Textbook Rentals," among others, as well twenty foreign registrations. As of December 31, 2016, we owned over 600 registered domain names. We also have a number of pending trademark applications in the United States and foreign jurisdictions and unregistered marks that we use to promote our brand. From time to time we expect to file additional patent, copyright and trademark applications in the United States and abroad. Nevertheless, these applications may not be approved or otherwise provide the full protection we seek. Third parties may challenge any patents, copyrights, trademarks and other intellectual property and proprietary rights owned or held by us. Third parties may knowingly or unknowingly infringe, misappropriate or otherwise violate our patents, copyrights, trademarks and other proprietary rights and we may not be able to prevent infringement, misappropriation or other violation without substantial expense to us.

Furthermore, we cannot guarantee that:

- our intellectual property and proprietary rights will provide competitive advantages
- to us;
- our competitors or others will not design around our intellectual property or proprietary rights;

our ability to assert our intellectual property or proprietary rights against potential competitors or to settle current or future disputes will not be limited by our agreements with third parties;

our intellectual property and proprietary rights will be enforced in jurisdictions where competition may be intense or where legal protection may be weak;

any of the patents, trademarks, copyrights, trade secrets or other intellectual property or proprietary rights that we presently employ in our business will not lapse or be invalidated, circumvented, challenged or abandoned; or we will not lose the ability to assert our intellectual property or proprietary rights against or to license our intellectual property or proprietary rights to others and collect royalties or other payments.

If we pursue litigation to assert our intellectual property or proprietary rights, an adverse decision in any of these legal actions could limit our ability to assert our intellectual property or proprietary rights, limit the value of our intellectual property or proprietary rights or otherwise negatively impact our business, financial condition and results of operations. If the protection of our intellectual property and proprietary rights is inadequate to prevent use or misappropriation by third parties, the value of our brand and other intangible assets may be diminished, competitors may be able to more effectively mimic our service and methods of operations, the perception of our business and service to customers and potential customers may become confused in the marketplace and our ability to attract

customers may be adversely affected.

We are a party to a number of third-party intellectual property license agreements. For example, we have entered into agreements with textbook publishers that provide access to textbook solutions content or questions for our Chegg Study service, for which we often pay an upfront license fee. In addition, we have agreements with certain eTextbook publishers under which we incur non-refundable fees at the time we provide students access to an eTextbook. We cannot guarantee that the third-party intellectual property we license will not be licensed to our competitors or others in our industry. In the future, we may need to obtain additional licenses or renew existing license agreements. We are unable to predict whether these license agreements can be obtained or renewed on acceptable terms, or at all. Any failure to obtain or renew such third-party intellectual property license agreements on commercially competitive terms could adversely affect our business and financial results.

We are, and may in the future be, subject to intellectual property claims, which are costly to defend and could harm our business, financial condition and operating results.

From time to time, third parties have alleged and are likely to allege in the future that we or our business infringes, misappropriates or otherwise violates their intellectual property or proprietary rights. Many companies, including various "non-practicing entities" or "patent trolls," are devoting significant resources to developing or acquiring patents that could potentially affect many aspects of our business. There are numerous patents that broadly claim means and methods of conducting business on the Internet. We have not exhaustively searched patents related to our technology. In addition, the publishing industry has been, and we expect in the future will continue to be, the target of counterfeiting and piracy. We have in the past and may continue to receive communications alleging that physical textbooks sold or rented by us are counterfeit. For example, we recently cooperated, and continue to cooperate, with a group of publishers in a series of audits which have identified several thousand potentially fraudulent textbooks which we have removed from our inventory. While our fulfillment partner, Ingram, has a system for inspecting the physical textbooks in our catalog of books, many of the books sold or rented to students are shipped directly from our suppliers, and, despite this inspection, unauthorized or counterfeit textbooks may inadvertently be included in the catalog of books we offer and may be subsequently sold or rented by us to students, or purchased by us through our buyback program, including on behalf of other buyers participating in our buyback program, and we may be subject to allegations of civil or criminal liability. We may implement measures in an effort to protect against these potential liabilities that could require us to spend substantial resources. Any costs incurred as a result of liability or asserted liability relating to sales of unauthorized or counterfeit textbooks could harm our business, reputation and financial condition.

Third parties may initiate litigation against us without warning. Others may send us letters or other communications that make allegations without initiating litigation. We have in the past and may in the future receive such communications, which we assess on a case-by-case basis. We may elect not to respond to the communication if we believe it is without merit or we may attempt to resolve disputes out-of-court by electing to pay royalties or other fees for licenses. If we are forced to defend ourselves against intellectual property claims, whether they are with or without merit or are determined in our favor, we may face costly litigation, diversion of technical and management personnel, inability to use our current website or inability to market our service or merchandise our products. As a result of a dispute, we may have to develop non-infringing technology, enter into licensing agreements, adjust our merchandising or marketing activities or take other action to resolve the claims. These actions, if required, may be unavailable on terms acceptable to us or may be costly or unavailable. If we are unable to obtain sufficient rights or develop non-infringing intellectual property or otherwise alter our business practices, as appropriate, on a timely basis, our reputation or brand, our business and our competitive position may be affected adversely and we may be subject to an injunction or be required to pay or incur substantial damages and/or fees.

In addition, we use open source software in connection with certain of our products and services. Companies that incorporate open source software into their products have, from time to time, faced claims challenging the ownership of open source software and/or compliance with open source license terms. As a result, we could be subject to suits by parties claiming ownership of what we believe to be open source software or noncompliance with open source licensing terms. Some open source software licenses require users who distribute or use open source software as part of their software to publicly disclose all or part of the source code to such software and/or make available any derivative works of the open source code on unfavorable terms or at no cost. Any requirement to disclose our proprietary source code or pay damages for breach of contract could have a material adverse effect on our business, financial condition and results of operations.

Confidentiality agreements with employees and others may not adequately prevent disclosure of trade secrets and proprietary information.

We have devoted substantial resources to the development of our intellectual property and proprietary rights. In order to protect our intellectual property and proprietary rights, we rely in part on confidentiality agreements with our employees, book vendors, licensees, independent contractors and other advisors. These agreements may not effectively prevent disclosure of confidential information and may not provide an adequate remedy in the event of unauthorized disclosure of confidential information. In addition, others may independently discover trade secrets and proprietary information and in such cases we could not assert any trade secret rights against such parties. Costly and time-consuming litigation could be necessary to enforce and determine the scope of our proprietary rights and failure to obtain or maintain trade secret protection could adversely affect our competitive business position.

If we are unable to protect our domain names, our reputation and brand could be adversely affected.

As of December 31, 2016, we owned over 600 registered domain names relating to our brand, including Chegg.com. Failure to protect our domain names could affect adversely our reputation and brand and make it more difficult for students to find our website, our content and our services. The acquisition and maintenance of domain names generally are regulated by governmental agencies and their designees. The regulation of domain names in the United States may change in the near future. Governing bodies may establish additional top-level domains, appoint additional domain name registrars or modify the requirements for holding domain names. As a result, we may be unable to acquire or maintain relevant domain names. Furthermore, the relationship between regulations governing domain names and laws protecting trademarks and similar intellectual property and proprietary rights is unclear. We may be unable to prevent third parties from acquiring and using domain names that are similar to, infringe upon or otherwise decrease the value of our brand name, trademarks or other intellectual property or proprietary rights.

Our wide variety of accepted payment methods subjects us to third-party payment processing-related risks.

We accept payments from students using a variety of methods, including credit cards, debit cards and PayPal. As we offer new payment options to students, we may be subject to additional regulations, compliance requirements and incidents of fraud. For certain payment methods, including credit and debit cards, we pay interchange and other fees, which may increase over time and raise our operating costs and lower our profit margins. For example, we have in the past experienced higher transaction fees from our third-party processors as a result of chargebacks on credit card transactions.

We rely on third parties to provide payment processing services, including the processing and information storage of credit cards and debit cards. If these companies become unwilling or unable to provide these services to us, our business could be disrupted. We are also subject to payment card association operating rules, certification requirements and rules governing electronic funds transfers, which could change or be reinterpreted to make it difficult or impossible for us to comply. If we fail to comply with these rules or requirements, we may be subject to additional fines and higher transaction fees and lose our ability to accept credit and debit card payments from our students, process electronic funds transfers or facilitate other types of online payments, and our business and operating results could be adversely affected.

Worsening or stagnant economic conditions and their effect on funding levels of colleges, spending behavior by students and advertising budgets, may adversely affect our operating results and financial condition.

Our business is dependent on, among other factors, general economic conditions, which affect college funding, student spending and brand advertising. The economic downturn and slow economic recovery over the last several years has resulted in reductions in both state and federal funding levels at colleges across the United States, which has led to increased tuition and decreased amounts of financial aid offered to students. To the extent that the economy continues to stagnate or worsens, students may reduce the amount they spend on textbooks and other educational content, which could have a serious adverse impact on our business. In addition to decreased spending by students, the colleges and brands that use our marketing services have advertising budgets that are often constrained during periods of stagnant or deteriorating economic conditions. In a difficult economic environment, customer spending in each of our products and services is likely to decrease, which could adversely affect our operating results and financial condition. A deterioration of the current economic environment may also have a material adverse effect on our ability to fund our growth and strategic business initiatives.

Our international operations are subject to increased challenges and risks.

We have employees in Germany, Israel, India and the People's Republic of China (China), we indirectly contract with individuals in the Ukraine and we own a minority stake in a learning platform for high school and college students in Brazil. Although today our international operations represent approximately 5% of our total consolidated operating expenses and we currently do not expect our international operations to materially increase in the near future, we expect to continue to expand our international operating history as a company outside the United States and our ability to manage our business and conduct our operations internationally requires considerable management attention and resources and is subject to the particular challenges of supporting a rapidly growing business in an environment of multiple languages, cultures, customs, tax systems, legal systems, alternative dispute systems, regulatory systems and commercial infrastructures. Operating internationally has required and will continue to require us to invest significant funds and other resources, subjects us to new risks and may increase the risks that we currently face, including risks associated with:

recruiting and retaining talented and capable employees in foreign countries and maintaining our company culture across all of our offices;

compliance with applicable foreign laws and regulations;
compliance with anti-bribery laws including, without limitation, compliance with the Foreign Corrupt Practices Act;
currency exchange rate fluctuations;
political and economic instability; and
higher costs of doing business internationally.

As part of our business strategy, we may make our products and services available in more countries outside of the U.S. market, where we are currently focused. The markets in which we may undertake international expansion may have educational systems, technology and online industries that are different or less well developed than those in the United States, and if we are unable to address the challenges of operating in international markets, it could have an adverse effect on our results of operations and financial condition.

Colleges and certain governments may restrict access to the Internet or our website, which could lead to the loss of or slowing of growth in our student user base and their level of engagement with our platform.

The growth of our business and our brand depends on the ability of students to access the Internet and the products and services available on our website. Colleges that provide students with access to the Internet either through physical computer terminals on campus or through wired or wireless access points on campus could block or restrict access to our website, content or services or the Internet generally for a number of reasons including security or confidentiality concerns, regulatory reasons, such as compliance with the Family Educational Rights and Privacy Act, which restricts the disclosure of student information or concerns that certain of our products and services, such as Chegg Study, may contradict or violate their policies.

We depend in part on colleges to provide their students with access to the Internet. If colleges modify their policies in ways that are detrimental to the growth of our student user base or in ways that make it harder for students to use our website, or if our competitors' are able to reach more students than us, the overall growth in our student user base would slow, student engagement would decrease and we would lose revenues. Any reduction in the number of students directed to our website would harm our business and operating results.

In addition to our U.S. operations, we currently offer our college and university matching service in China. The Chinese government may seek to restrict access to the Internet or to our website specifically and our content and services could be suspended, blocked (in whole or in part) or otherwise adversely impacted in China. Any restrictions on the use of our website by students could lead to the loss or slowing of growth in the number of students who use our platform or the level of student engagement.

Our operations are susceptible to earthquakes, floods, rolling blackouts and other types of power loss. If these or other natural or man-made disasters were to occur, our operations and operating results would be adversely affected.

Our business and operations could be materially adversely affected in the event of earthquakes, blackouts or other power losses, floods, fires, telecommunications failures, break-ins, acts of terrorism, inclement weather, shelving accidents or similar events. Our executive offices are located in the San Francisco Bay Area, an earthquake-sensitive area. If floods, fire, inclement weather including extreme rain, wind, heat or cold or accidents due to human error were to occur and cause damage to a warehouse of Ingram or its textbook library, Ingram's ability to fulfill orders for textbook rental and sales transactions could be materially and adversely affected and our results of operations would suffer, especially if such events were to occur during peak periods. We may not be able to effectively shift our operations due to disruptions arising from the occurrence of such events, and our business could be affected adversely as a result. Moreover, damage to or total destruction of our executive offices resulting from earthquakes may not be covered in whole or in part by any insurance we may have.

If we are unable to implement and maintain effective internal control over financial reporting in the future, the accuracy, and timeliness of our financial reporting may be adversely affected.

The Sarbanes-Oxley Act of 2002 (the Sarbanes-Oxley Act) requires, among other things, that we assess the effectiveness of our internal control over financial reporting annually and the effectiveness of our disclosure controls and procedures quarterly. If we are not able to comply with the requirements of the Sarbanes-Oxley Act in a timely manner, the market price of our stock could decline and we could be subject to sanctions or investigations by the New York Stock Exchange, the SEC or other regulatory authorities, which would require additional financial and management resources.

If we conclude in future periods that our internal control over financial reporting is not effective, we may be required to expend significant time and resources to correct the deficiency and could be subject to one or more investigations or enforcement actions by state or federal regulatory agencies, stockholder lawsuits or other adverse actions requiring us to incur defense costs,

pay fines, settlements or judgments and causing investor perceptions to be adversely affected and potentially resulting in a decline in the market price of our stock.

In addition, we are an "emerging growth company" as defined in the Jumpstart Our Business Startups Act of 2012 (JOBS Act), and as such we have elected to avail ourselves of the exemption from the requirement that our independent registered public accounting firm audit our internal control over financial reporting under Section 404 of the Sarbanes-Oxley Act until we cease to be an "emerging growth company." See "—We are an "emerging growth company," and we cannot be certain if the reduced disclosure requirements applicable to "emerging growth companies" will make our common stock less attractive to investors." for additional risks relating to our "emerging growth company" status.

If we are unable to maintain effective internal control over financial reporting to meet the demands placed upon us as a public company, including the requirements of the Sarbanes-Oxley Act, we may be unable to accurately report our financial results, or report them within the timeframes required by law or exchange regulations.

We may be subject to greater than anticipated liabilities for income, property, sales and other taxes, and any successful action by federal, state, foreign or other authorities to collect additional taxes could adversely harm our business.

We are subject to regular review and audit by both U.S. federal and state and foreign tax authorities and such jurisdictions may assess additional taxes against us. Although we believe our tax estimates are reasonable, the final determination of tax audits and any related litigation could be materially different from our historical tax provisions and accruals and could have a negative effect on our financial position and results of operations. For example, we appealed the Kentucky Tax Authority's property tax assessment on our textbook library located in our Kentucky warehouse and the Commonwealth of Kentucky issued a ruling in favor of the Kentucky Department of Revenue in January 2014, which was reversed in our appeal to the Franklin Circuit Court in Kentucky in October 2014 before the Kentucky Court of Appeals ruled unanimously in our favor in March 2016. The Kentucky Department of Revenue petitioned the Kentucky Supreme Court for discretionary review, which was denied in September 2016. The case was determined in our favor with no property tax due related to our textbook library (see discussion above under Part I, Item 3, "Legal Proceedings"). In addition, the taxing authorities of the jurisdictions in which we operate may challenge our methodologies for valuing and allocating income from our intercompany transactions, which could increase our worldwide effective income tax rate. For example, we have been and are currently under tax audit in India for the 2014-15 fiscal year. Further, we file sales tax returns in a number of states within the United States as required by law and collect and remit sales tax for some content owners. We do not collect sales or other similar taxes in some U.S. and foreign jurisdictions, with respect to some of our sale, rental or service transactions because we believe that they do not apply to the relevant transactions. However, these and other tax laws and regulations are ambiguous or their application to our business is uncertain and the interpretation of them may be subject to change. In addition, one or more states could seek to impose new or additional sales, use or similar tax collection and record-keeping obligations on us. Any successful action by federal, state, foreign or other authorities to impose or collect additional income or property taxes, or compel us to collect and remit sales, use or similar taxes, either retroactively, prospectively or both, could harm our business, financial position and results of operations.

We may not be able to utilize a significant portion of our net operating loss or tax credit carryforwards, which could adversely affect our profitability.

At December 31, 2016, we had federal and state net operating loss carryforwards due to prior period losses of approximately \$200.7 million and \$151.5 million, respectively, which if not utilized will begin to expire in 2028 and 2017 for federal and state purposes, respectively. A portion of the state net operating loss carryforwards expired in 2016. At December 31, 2016, we also had federal tax credit carryforwards of approximately \$3.5 million, which if not utilized will begin to expire in 2030, and state tax credit carryforwards of approximately \$4.3 million, which do not expire. These net operating loss and tax credit carryforwards could expire unused and be unavailable to

offset future income tax liabilities, which could adversely affect our profitability. For example, we have net operating loss carryforwards of \$22.0 million related to our previous operations in Kentucky which will expire unused unless we have similar operations in Kentucky.

In addition, under Section 382 of the Internal Revenue Code of 1986, as amended (the Code), our ability to utilize net operating loss carryforwards or other tax attributes, such as tax credits, in any taxable year may be limited if we experience an "ownership change." A Section 382 "ownership change" generally occurs if one or more stockholders or groups of stockholders who own at least 5% of our stock increase their ownership by more than 50 percentage points over their lowest ownership percentage within a rolling three-year period. Similar rules may apply under state tax laws. As a result of prior equity issuances and other transactions in our stock, we have previously experienced "ownership changes" under Section 382 of the Code and comparable state tax laws. We may experience ownership changes in the future as a result of future issuances and other

transactions of our stock. It is possible that any future ownership change could have a material effect on the use of our net operating loss carryforwards or other tax attributes, which could adversely affect our profitability.

Our failure to comply with the terms of our revolving line of credit could have a material adverse effect on us.

We have a revolving line of credit pursuant to a credit facility with Wells Fargo Bank, National Association (Bank) that provides an aggregate principal amount of \$30.0 million with an accordion feature that, subject to the Bank's discretion, allows us to borrow up to a total of \$50.0 million (the Line of Credit). The Line of Credit expires in September 2019. We currently have no amount drawn down under our Line of Credit. Our personal property secures the Line of Credit. If we default on our credit obligations, the Bank may, among other things, require immediate repayment of amounts drawn on the Line of Credit or terminate the Line of Credit or may foreclose on our personal property that secures the Line of Credit.

The agreements governing our indebtedness contain various covenants, including those that restrict our ability to, among other things:

borrow money and guarantee or provide other support for indebtedness of third-parties;

pay dividends on, redeem or repurchase our capital stock;

acquire entities or assets;

make investments in entities that we do not control, including joint ventures;

consummate a merger, consolidation or sale of all or substantially all of our assets;

- enter into certain asset sale
- transactions; and

enter into secured financing arrangements;

These covenants may limit our ability to effectively operate our businesses. Any failure to comply with the restrictions of any agreement governing our other indebtedness may result in an event of default under those agreements.

Risks Related to Ownership of Our Common Stock

Our stock price has been and will likely continue to be volatile.

The trading price of our common stock has been, and is likely to continue to be, volatile. Since shares of our common stock were sold in our IPO in November 2013 at a price of \$12.50 per share, our stock price has ranged from \$3.15 to \$11.25 through December 31, 2016. In addition to the factors discussed in this Annual Report on Form 10-K, the trading price of our common stock may fluctuate significantly in response to numerous factors, many of which are beyond our control, including:

actual or anticipated fluctuations in our financial condition and operating results, including as a result of the seasonality in our business that results from the academic calendar;

our announcement of actual results for a fiscal period that are higher or lower than projected results or our announcement of revenues or earnings guidance that is higher or lower than expected, including as a result of difficulty forecasting seasonal variations in our financial condition and operating results or the revenues generated by our offerings;

issuance of new or updated research or reports by securities analysts, including the publication of unfavorable reports or change in recommendation or downgrading of our common stock;

announcements by us or our competitors of significant products or features, technical innovations, acquisitions, strategic relationships and partnerships, joint ventures or capital commitments;

actual or anticipated changes in our growth rate relative to our competitors;

changes in the economic performance or market valuations of companies perceived by investors to be comparable to us;

additional shares of our common stock being sold into the market by us or our existing stockholders or the anticipation of such sales;

issuances of additional shares of our common stock in connection with acquisitions;

share price and volume fluctuations attributable to inconsistent trading volume levels of our shares; lawsuits threatened or filed against us;

regulatory developments in our target markets affecting us, students, colleges or brands, publishers or our competitors;

political climate in the United States, with a focus on cutting or limiting budgets, higher education and taxation; terrorist attacks or natural disasters or other such events impacting countries where we have operations; international stock market conditions; and

general economic and market conditions, such as recessions, unemployment rates, the limited availability of consumer credit, interest rate changes and currency fluctuations.

Furthermore, both domestic and international stock markets have experienced extreme price and volume fluctuations that have affected and continue to affect the market prices of equity securities of companies in general and technology companies in particular. These fluctuations often have been unrelated or disproportionate to the operating performance of those companies. We believe our stock price may be particularly susceptible to volatility as the stock prices of technology and Internet companies have often been subject to wide fluctuations. In the past, companies that have experienced volatility in the market price of their stock have been subject to securities class action litigation. We may be the target of this type of litigation in the future. Securities litigation against us could result in substantial costs and divert our management's attention from other business concerns, which could seriously harm our business.

If securities or industry analysts do not publish research reports about our business or publish inaccurate or unfavorable research about our business, our stock price could decline.

The trading market for our common stock will depend in part on the research and reports that securities or industry analysts publish about us or our business. If one or more of the analysts who cover us downgrade our common stock or publish inaccurate or unfavorable research about our business, our common stock price would likely decline. If one or more of these analysts cease coverage of our company or fail to regularly publish reports on us, we could lose visibility in the financial markets, which could cause our share price or trading volume to decline.

We do not intend to pay dividends for the foreseeable future.

We have never declared or paid cash dividends on our capital stock. We currently intend to retain any future earnings to finance the operation and expansion of our business, and we do not expect to declare or pay any dividends in the foreseeable future. As a result, our stockholders may only receive a return on their investment in our common stock if the market price of our common stock increases. In addition, our credit facility contains restrictions on our ability to pay dividends.

We are an "emerging growth company" and we cannot be certain if the reduced disclosure requirements applicable to "emerging growth companies" will make our common stock less attractive to investors.

We are an "emerging growth company," as defined under the JOBS Act. For so long as we are an "emerging growth company," we may take advantage of certain exemptions from reporting requirements that are applicable to other public companies that are not "emerging growth companies" including, but not limited to, compliance with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act, reduced disclosure obligations regarding executive compensation in our periodic reports and proxy statements and exemptions from the requirements of holding a nonbinding advisory vote on executive compensation and stockholder approval of any golden parachute payments not previously approved.

We could be an "emerging growth company" for up to five years, although we may lose such status earlier, depending on the occurrence of certain events. We will remain an "emerging growth company" until the earliest to occur of (i) the last day of the year (a) following the fifth anniversary of our initial public offering, (b) in which we have total annual gross revenues of at least \$1.0 billion or (c) in which we are deemed to be a "large accelerated filer" under the Exchange Act, which means that the market value of our common stock that is held by non-affiliates exceeds \$700 million as of the prior June 30, and (ii) the date on which we have issued more than \$1.0 billion in non-convertible debt securities during the prior three-year period.

We cannot predict if investors will find our common stock less attractive or our company less comparable to certain other public companies because we will rely on these exemptions. If some investors find our common stock less attractive as a result, there may be a less active trading market for our common stock and our stock price may be more volatile.

Under the JOBS Act, "emerging growth companies" can delay adopting new or revised accounting standards issued subsequent to the enactment of the JOBS Act until such time as those standards apply to private companies. We have irrevocably elected not to avail ourselves of this exemption from new or revised accounting standards and will be subject to the same new or revised accounting standards as other public companies that are not "emerging growth companies."

Delaware law and provisions in our restated certificate of incorporation and restated bylaws could make a merger, tender offer or proxy contest difficult, thereby depressing the trading price of our common stock.

Our status as a Delaware corporation and the anti-takeover provisions of the Delaware General Corporation Law may discourage, delay or prevent a change in control by prohibiting us from engaging in a business combination with an interested

stockholder for a period of three years after the person becomes an interested stockholder, even if a change of control would be beneficial to our existing stockholders. In addition, our restated certificate of incorporation and restated bylaws contain provisions that may make the acquisition of our company more difficult, including the following:

our board of directors is classified into three classes of directors with staggered three-year terms and directors can only be removed from office for cause and by the approval of the holders of at least two-thirds of our outstanding common stock;

subject to certain limitations, our board of directors has the sole right to set the number of directors and to fill a •vacancy resulting from any cause or created by the expansion of our board of directors, which prevents stockholders from being able to fill vacancies on our board of directors;

only our board of directors is authorized to call a special meeting of stockholders;

certain litigation against us can only be brought in Delaware;

our restated certificate of incorporation authorizes undesignated preferred stock, the terms of which may be established and shares of which may be issued, without the approval of the holders of common stock;

• advance notice procedures apply for stockholders to nominate candidates for election as directors or to bring matters before an annual meeting of stockholders;

our stockholders cannot act by written consent;

our restated bylaws can only be amended by our board of directors or by the approval of the holders of at least two-thirds of our outstanding common stock; and

certain provisions of our restated certificate of incorporation can only be amended by the approval of the holders of at least two-thirds of our outstanding common stock.

# ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

# **ITEM 2. PROPERTIES**

Our corporate headquarters are located in Santa Clara, California and consist of approximately 45,000 square feet of space under a lease that expires in February 2019. We have additional offices in California, Oregon and New York in the United States and internationally in India, Israel and Berlin, under leases that expire at varying times between 2017 and 2021. We believe our facilities are adequate for our current needs and for the foreseeable future; however, we will continue to seek additional space as needed to accommodate our growth. We also have an office space in Georgia, which we are subleasing, under a lease that expires in January 2021. We previously had an approximately 611,000 square foot warehouse in Shepherdsville, Kentucky, which we exited during 2015 as a result of our strategic partnership with Ingram and the lease expired in November 2016.

# ITEM 3. LEGAL PROCEEDINGS

From time to time, third parties may assert patent infringement claims against us in the form of letters, litigation or other forms of communication. In addition, we may from time to time be subject to other legal proceedings and claims in the ordinary course of business, including claims of alleged infringement of trademarks, copyrights and other intellectual property rights; employment claims; and general contract or other claims. We may also, from time to time be subject to various legal or government claims, disputes, or investigations. Such matters may include, but not be limited to, claims, disputes or investigations related to warranty, refund, breach of contract, employment, intellectual property, government regulation or compliance or other matters.

In July 2010, the Kentucky Tax Authority issued a property tax assessment of approximately \$1.0 million related to our textbook library located in our Kentucky warehouse for the 2009 and 2010 tax years under audit. In March 2011,

we filed a protest with the Kentucky Board of Tax Appeals that was rejected in March 2012. In September 2012, we filed a complaint seeking declaratory rights against the Commonwealth of Kentucky in the Bullitt Circuit Court of Kentucky, and that case was subsequently dismissed in favor of administration remedies with the Kentucky Tax Authority. We received a final Notice of Tax due in October 2012 from the Kentucky Tax Authority, and we appealed this notice in November 2012 with the Kentucky Board of Tax Appeals. In May 2013, we presented an Offer in Judgment to the Kentucky Tax Authority of approximately \$150,000, excluding tax and penalties, an amount that we have accrued for the two years under audit. We accrued this amount as of December 31, 2012. We appealed to the Kentucky Board of Tax Appeals in July 2013, and the Board issued a ruling in favor of the Kentucky Department of Revenue in January 2014 maintaining the property tax assessment. In February 2014, we filed an appeal to the Franklin Circuit Court in Kentucky, and in June 2014 the Circuit Court held in abeyance our motion to appeal. In October 2014 the Franklin Circuit Court in Kentucky issued its opinion and order reversing the Board of Tax

Appeal's decision, setting aside the Kentucky Department of Revenue's tax assessments against us and further vacating all penalties and interest. The Kentucky Department of Revenue has appealed the Circuit Court ruling. On March 4, 2016, the Kentucky Court of Appeals ruled unanimously in our favor, affirming our position that no property tax was owed on the textbooks. The Kentucky Department of Revenue petitioned the Kentucky Supreme Court for a discretionary review, which was denied in September 2016. The case was determined in our favor with no property tax due related to our textbook library.

We are not aware of any other pending legal matters or claims, individually or in the aggregate, that are expected to have a material adverse impact on our consolidated financial position, results of operations or cash flows. However, our analysis of whether a claim may proceed to litigation cannot be predicted with certainty, nor can the results of litigation be predicted with certainty. Nevertheless, defending any of these actions, regardless of the outcome, may be costly, time consuming, distract management personnel and have a negative effect on our business. An adverse outcome in any of these actions, including a judgment or settlement, may cause a material adverse effect on our future business, operating results and/or financial condition.

#### ITEM 4. MINE SAFETY DISCLOSURES

Not Applicable.

# PART II

# ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

## Market Information

Our common stock has been listed on the New York Stock Exchange under the symbol "CHGG" since November 13, 2013.

The following table sets forth for the indicated periods the high and low closing sales prices of our common stock as reported by the New York Stock Exchange.

	High Low					
Year Ended December 31, 2016						
Fourth quarter	\$8.48\$6.54					
Third quarter	\$7.21\$4.90					
Second quarter	\$5.08\$4.27					
First quarter	\$6.56\$3.47					
Year Ended December 31, 2015						
Fourth quarter	\$7.83\$6.73					
Third quarter	\$8.74\$7.07					
Second quarter	\$8.68\$7.27					
First quarter	\$8.75\$6.44					

#### Stockholders of Record

As of January 31, 2017, there were 75 stockholders of record of our common stock, and the closing price of our common stock was \$7.19 per share as reported on the New York Stock Exchange. Because many of our shares of common stock are held by brokers and other institutions on behalf of stockholders, we are unable to estimate the total number of stockholders represented by these record holders.

## **Dividend Policy**

We have never declared or paid any cash dividend on our common stock. We intend to retain any future earnings and do not expect to pay dividends in the foreseeable future. In addition, our credit facility contains restrictions on our ability to pay dividends.

## Stock Performance Graph

This performance graph shall not be deemed "soliciting material" or to be "filed" with the SEC for purposes of Section 18 of the Exchange Act, or otherwise subject to the liabilities under that Section, and shall not be deemed to be incorporated by reference into any filing of Chegg under the Securities Act or the Exchange Act.

The following graph shows a comparison from November 13, 2013 (the date our common stock commenced trading on the New York Stock Exchange) through December 31, 2016 of the cumulative total return for our common stock, the Standard & Poor's 500 Stock Index (S&P 500) and the Russell 2000 Index (Russell 2000). The graph assumes that \$100 was invested at the market close on November 13, 2013 in the common stock of Chegg, Inc., the S&P 500 Index and the Russell 2000 Index assumes reinvestments of dividends. The stock price performance of the following graph is not necessarily indicative of future stock price

performance.

## ITEM 6. SELECTED FINANCIAL DATA

The selected financial data set forth below should be read together with Part II, Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our consolidated financial statements and related notes included in Part II, Item 8, "Consolidated Financial Statements and Supplementary Data" of this Annual Report on Form 10-K. Our historical results are not necessarily indicative of our results in any future period.

	Year Ended December 31,					
	2016	2015	2014	2013	2012	
	(in thousands, except per share amounts)					
Consolidated Statements of Operations Data:						
Net revenues	\$254,090	\$301,373	\$304,834	\$255,575	\$213,334	
Gross profit	134,489	111,524	93,849	80,515	67,665	
Net loss	(42,245)	(59,210)	(64,758)	(55,850)	(49,043)	
Deemed dividend to preferred stockholders (1)				(102,557)	·	
Net loss attributable to common stockholders	\$(42,245)	\$(59,210)	\$(64,758)	\$(158,407)	\$(49,043)	
Net loss per share attributable to common stockholders, basic and diluted	, ( , , , , , , , , , , , , , , , , , ,	\$(0.68)	\$(0.78)	\$(7.58)	\$(4.39)	
Weighted-average shares used to compute net loss per shar attributable to common stockholders, basic and diluted	<sup>e</sup> 90,534	86,818	83,205	20,902	11,183	

(1) The completion of our IPO resulted in certain accounting effects and cash tax payments related to the issuance of 11,667,254 shares of our common stock in the form of a deemed stock dividend to the holders of our Series D and Series E convertible preferred stock valued at approximately \$102.6 million and the share-based compensation expense associated with RSUs that we had granted prior to our IPO that vested as a result of the completion of our IPO. These RSUs vested upon satisfaction of both a time-based service component and a performance condition which occurred on March 15, 2014.

	December 31,						
	2016	2015	2014	2013	2012		
	(in thousands)						
Consolidated Balance Sheet Data:							
Total assets	\$290,652	\$291,356	\$318,127	\$327,371	\$196,367		
Deferred revenue	14,836	14,971	24,591	22,804	20,032		
Debt obligations, current and non-current	—				19,386		
Convertible preferred stock	—	—			207,201		
Common stock and additional paid-in capital	593,443	560,330	516,929	479,361	63,088		
Total stockholders' equity (deficit)	221,939	231,075	247,043	274,240	(86,127)		

# ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

You should read the following discussion of our financial condition and results of operations in conjunction with our audited consolidated financial statements and the related notes included in Part II, Item 8, "Consolidated Financial Statements and Supplementary Data" of this Annual Report on Form 10-K. In addition to historical consolidated financial information, the following discussion contains forward-looking statements that reflect our plans, estimates, and beliefs. Our actual results could differ materially from those discussed in the forward-looking statements. See the "Note about Forward-Looking Statements" for additional information. Factors that could cause or contribute to these differences include those discussed below and elsewhere in this Annual Report on Form 10-K, particularly in Part I, Item 1A, "Risk Factors."

#### Overview

Chegg is the leading student-first connected learning platform. Our goal is to help students transition from high school to college to career, with a view to improving student outcomes. We help students study more effectively for college admission exams, find the right college to accomplish their goals, get better grades and test scores while in school, and find internships that allow them to gain valuable skills to help them enter the workforce after college. We strive to improve the overall return on investment in education by helping students learn more in less time and at a lower cost.

Students subscribe to our digital products and services, which we collectively refer to as Chegg Services. These include Chegg Study, Chegg Tutors, Writing Tools (newly acquired in May 2016), Enrollment Marketing, Brand Partnership, Internships, and Test Prep. Our Chegg Study service provides step-by-step Textbook Solutions and Expert Answers, helping students with their course work. When students need additional help on a subject, they can reach a live tutor online, anytime, anywhere through Chegg Tutors. When students need help creating citations for their papers, they can use one of our Writing Tools properties, including EasyBib, Citation Machine, BibMe, CiteThisForMe, and NormasAPA. Through our strategic partnership with NRCCUA, announced in January 2017, we match domestic and international students with colleges, in the United States, to help them find the best fit school for them. We provide access to internships to help students gain skills and experiences that are critical to securing their first job. We provide high school students with an online adaptive test preparation service currently covering the ACT and SAT exams. Through our strategic partnership with Ingram Content Group (Ingram), we offer Required Materials, which includes an extensive print textbook and eTextbook library for rent and sale, helping students save money compared to the cost of buying new.

To deliver services to students, we partner with a variety of third parties. We work with colleges to help shape their incoming classes. We source print textbooks, eTextbooks, and supplemental materials directly or indirectly from thousands of publishers in the United States, including Pearson, Cengage Learning, McGraw Hill, Wiley, and MacMillan. We have a large network of students and professionals who leverage our platform to tutor in their spare time and employers who leverage our platform to post their internships and jobs. In addition, because we have a large student user base, local and national brands partner with us to reach the college and high school demographics.

During the years ended December 31, 2016, 2015 and 2014, we generated net revenues of \$254.1 million, \$301.4 million and \$304.8 million, respectively, and in the same periods had net losses of \$42.2 million, \$59.2 million and \$64.8 million, respectively. We plan to continue to invest in our long-term growth, particularly further investment in the technology that powers our connected learning platform and the development of additional products and services that serve students.

Our strategy for achieving and maintaining profitability is centered upon our ability to utilize Chegg Services to increase student engagement with our connected learning platform. We plan to continue to invest in the expansion of

our Chegg Services to provide a more compelling and personalized solution and deepen engagement with students. In May 2016, we acquired Imagine Easy Solutions, LLC, a privately held online learning company based in New York that provides a portfolio of online writing tools. We anticipate this acquisition to enhance our ability to acquire new students, increase the value to our existing students, and have a meaningful and positive impact on their outcomes. Further, we believe this expanded and deeper penetration of the student demographic will allow us to drive further growth in our existing Chegg Services. In addition, we believe that these investments we have made to achieve our current scale will allow us to drive increased operating margins over time that, together with increased contributions of Chegg Services products, will enable us to accomplish profitability and become cash-flow positive for the long-term. Our ability to achieve these long-term objectives is subject to numerous risks and uncertainties, including our ability to attract, retain, and increasingly engage the student population, intense competition in our markets, the ability to achieve sufficient contributions to revenue from Chegg Services and other factors described in greater detail in Part I, Item 1A, "Risk Factors."

40

We have presented revenues for our two product lines, Chegg Services and Required Materials, based on how students view us and the utilization of our products by them. Chegg Services includes our products and services we provide to supplement the requirements and help students with their coursework. Chegg Services also includes our marketing services which help to complete our offering of services to students. Required Materials includes all products that are essential for students to meet the requirements of their coursework. More detail on our two product lines is discussed in the next two sections titled "Chegg Services" and "Required Materials."

## **Chegg Services**

Our Chegg Services for students primarily includes our Chegg Study service, our Chegg Tutors service, and our writing tools service. We offer enrollment marketing services to colleges, through our strategic partnership with NRCCUA announced in January 2017, allowing them to reach interested college-bound high school students that use our College Admissions and Scholarship Services. We also work with leading brands, such as Proctor & Gamble, Starbucks, The Truth, Microsoft, Best Buy, DirectTV, Bare Escentuals, and Shutterfly, to provide students with discounts, promotions, and other products that, based on student feedback, delight them. For example, for Proctor & Gamble, we inserted free laundry care samples and for Starbucks, we inserted free drinks in our textbook rental shipments to students. All of our brand advertising services and the discounts, promotions, and other products provide to students are paid for by the brands. We additionally provide internship services and our Test Prep service currently covering the ACT and SAT exams.

Students typically pay to access Chegg Services such as Chegg Study on a monthly or annual basis, while colleges subscribe to our enrollment marketing services and brands pay us depending on the nature of the campaign. In the aggregate, Chegg Services revenues were 51%, 31% and 22% of net revenues during the years ended December 31, 2016, 2015 and 2014, respectively.

#### **Required Materials**

Our Required Materials product line includes the rental and sale of print textbooks and eTextbooks as well as the commission we receive from Ingram. As of November 2016, we no longer rent our print textbooks and therefore all revenues from print textbook rentals from this date forward are commission-based. Our web-based, multiplatform eTextbook Reader, eTextbooks and supplemental course materials are available from approximately 120 publishers as of December 31, 2016. We offer our eTextbook Reader on a standalone basis or as a rental-equivalent solution and for free to students awaiting the arrival of their print textbook rental. This product line has historically been highly capital intensive due to the resources required to maintain a print textbook rental library. However, as a result of our strategic partnership with Ingram, we have exited our warehouse facilities in Kentucky and transitioned our print textbook library to Ingram's facilities, which has helped to free up resources historically required by this product line. We have continued to liquidate our print textbook library through the normal course of our operations and maintain a minimal print textbook rental library as of December 31, 2016. We will continue to liquidate our remaining print textbook library inventory in the first half of 2017.

We have historically capitalized the investment in our print textbook library and recorded depreciation expense in cost of revenues over its useful life using an estimated liquidation value. During the years ended December 31, 2016 and 2015, our purchases of print textbooks, net of proceeds from textbook liquidation was an inflow of \$24.8 million and \$6.0 million, respectively, and an outflow during the year ended December 31, 2014 of \$54.7 million. In the years ended December 31, 2016 and 2015, our purchases of print textbooks significantly decreased, and were more than offset by the proceeds received from liquidations of textbooks from our print textbook library. This was a result of our strategic partnership with Ingram as we are no longer purchased print textbooks for rental.

We use our website to liquidate print textbooks from our remaining print textbook library, which allows us to generate greater recovery on our print textbooks compared to bulk liquidations, while at the same time providing students substantial savings over the retail price of a new book. We also use our website to source, on behalf of Ingram, both new and used print textbooks for rental or resale from wholesalers, publishers and students. Purchasing used print textbooks attracts students to our website by offering more for their textbooks than they could generally get by selling them back to their campus bookstore.

In the aggregate, Required Materials revenues were 49%, 69%, and 78% of net revenues during the years ended December 31, 2016, 2015 and 2014, respectively.

Strategic Partnership with Ingram

Our strategic partnership with Ingram has helped to accelerate the growth of our Chegg Services products by allowing us to utilize capital otherwise spent on the purchase of print textbooks, and at the same time allowing us to maintain our leading

41

position and high brand recognition through our iconic orange boxes. We entered into a definitive inventory purchase and consignment agreement with Ingram that will allow us to focus exclusively on eTextbooks and Chegg Services. Under the agreement, since May 2015, Ingram has been responsible for all new investments in the print textbook library, fulfillment logistics, and has title and risk of loss related to print textbook rentals. As a result of our strategic partnership with Ingram, our revenues include a commission on the total revenues that we earn from Ingram upon their fulfillment of a rental transaction using print textbooks for which Ingram has title and risk of loss. Additionally, we ceased making additional investments in our print textbook library during 2015 and continue to liquidate our existing inventory of print textbooks maintaining a minimal print textbook library inventory as of December 31, 2016, which we expect to be fully liquidated in the first half of 2017. This model allows us to reduce and eventually eliminate the operating expenses we historically incurred to acquire and maintain a print textbook library. We will continue to buy used books on Ingram's behalf including books through our buyback program and invoice Ingram at cost. We provided Ingram with extended payment terms throughout 2016 as we procured print textbooks on their behalf and we moved to normal payment terms commencing in January 2017.

#### Seasonality of Our Business

Historically, a substantial majority of our revenues were recognized ratably over the term a student rents our print textbooks and eTextbooks or has access to our Chegg Services. This has generally resulted in our highest revenues in the fourth quarter as it reflects more days of the academic year and our lowest revenues in the second quarter as colleges conclude their academic year for summer and there are fewer days of rentals. The recognition of revenues from our eTextbooks and Chegg Services will continue to follow these trends. As a result of our strategic partnership with Ingram, however, revenues from all print textbook transactions will now be higher in the first and third quarters as we recognize a commission on the transaction immediately rather than recognizing the revenues ratably over the term the student rents the print textbooks.

The variable expenses associated with our shipments of print textbooks and marketing activities historically were highest in the first and third quarters as shipping and other fulfillment costs and marketing expenses are expensed when incurred, generally at the beginning of academic terms. However, these variable expenses related to the shipments of print textbooks have decreased during 2016 as we have completely transitioned the shipping and fulfillment activities related to print textbooks to Ingram.

As a result of these factors, the most concentrated periods for our revenues and expenses did not necessarily coincide, and comparisons of our historical quarterly operating results on a sequential basis may not provide meaningful insight into our overall financial performance. Our strategic partnership with Ingram has shifted peak revenues in the periods that a student rents a textbook as a result of the immediate revenue recognition as well as our revenue sharing agreement such we believe our revenues will provide more meaningful insight on a sequential basis going forward. Further, while our expenses associated with the print textbook rental business have decreased, our variable expenses related to marketing activities continue to remain highest in the first and third quarter such that our profitability may not provide meaningful insight on a sequential basis.

#### Components of Results of Operations

#### Net Revenues

We derive our revenues from the rental or sale of print textbooks and eTextbooks, commissions earned from Ingram from the rental of their textbooks, and Chegg Services, net of allowances for refunds or charge backs from our payment processors who process payments from credit cards, debit cards and PayPal. As of November 2016, we no longer rent our print textbooks and therefore all revenues from print textbook rentals from this date forward are commission-based.

We historically generated revenues from the rental of print textbooks and to a lesser extent, through the sales of print textbooks through our website on a just-in-time basis. Rental revenues for textbooks that we own were recognized

ratably over the term of the rental period, generally two to five months. Commissions earned on rental textbooks owned by Ingram are recognized immediately when a book ships to the student. Revenues from selling textbooks on a just-in-time basis were historically recognized upon shipment and has comprised approximately 12% of our consolidated net revenues on average over the three years ended December 31, 2016. As of December 2016, revenues from selling textbooks on a just-in-time basis are commission based as a result of the transition to Ingram. Our customers pay for the rental and sale of print textbooks on our website primarily by credit card, resulting in immediate settlement of our accounts receivable. Net revenues from the rental or sale of print textbooks represented 27%, 54% and 70% of our net revenues in the years ended December 31, 2016, 2015 and 2014, respectively, reflecting increasing growth in our Chegg Services. Similar to the revenue recognition from print textbooks rentals, revenues from eTextbooks is recognized ratably over the contractual period, generally two to five months or at time of the sale, and our customers pay for these services through payment processors, resulting in immediate settlement of our accounts receivable.

As a result of our strategic partnership with Ingram, we recognize less revenues from the rental of print textbooks and our Required Materials product line. Instead, our services revenues includes a commission on the total revenues that we earn from Ingram upon their fulfillment of a rental transaction using books for which Ingram has title and risk of loss.

We also generate revenues from Chegg Services that include our Chegg Study service, our Chegg Tutors service, our online writing tools, Enrollment Marketing services to colleges, Brand Partnership services that we offer to brands, internship services and our test preparation service currently covering the ACT and SAT exams. Chegg Services are offered to students through weekly, monthly or annual subscriptions, and we recognize revenues ratably over the respective subscription period.

When deciding the most appropriate basis for presenting revenues or costs of revenues, both the legal form and substance of the agreement between us and our business partners are reviewed to determine each party's respective role in the transaction. Where our role in a transaction is that of principal, revenues are recognized on a gross basis. This requires revenue to comprise the gross value of the transaction billed to the customer, after trade discounts, with any related expenditure charged as a cost of revenues. Where our role in a transaction is that of an agent, revenues are recognized on a net basis with revenues representing the margin earned. In relation to our partnership with Ingram and the rental of their textbooks, we recognize revenues on a net basis based on our role in the transaction as an agent.

Enrollment Marketing services and Brand Partnership services are offered either on a subscription or on an a la carte basis. Enrollment Marketing services connect colleges with students seeking admission or scholarship opportunities at these institutions. Brand Partnership offers brands unique ways to connect with students. Revenues are recognized ratably or as earned over the subscription service period, generally one year. Revenues from enrollment marketing services or brand advertising delivered on an a la carte basis, without a subscription, are recognized when delivery of the respective lead or service has occurred. For these services, we bill the customer at the inception, over the term of the customer arrangement or as the services are performed. Upon satisfactory assessment of creditworthiness, we generally grant credit to our Enrollment Marketing services and Brand Partnership customers with normal credit terms, typically 30 days.

Deferred revenue primarily consists of advance payments from students related to rentals and subscriptions that have not been recognized and marketing services that have yet to be performed. Deferred revenue is recognized as revenues ratably over the term or when the services are provided and all other revenue recognition criteria have been met.

#### Cost of Revenues

Our cost of revenues consists primarily of expenses associated with the delivery and distribution of our products and services. Cost of revenues historically included textbook depreciation expense, shipping and other fulfillment costs, the cost of textbooks sold, payment processing costs, write-offs and allowances related to the print textbook library and all expenses associated with our distribution and customer service centers, including personnel and warehousing costs. These variable expenses have decreased during 2016 as we have completely transitioned the shipping and fulfillment activities related to print textbooks to Ingram. The cost of textbooks sold, shipping and other fulfillment costs and payment processing expenses are recognized upon shipment, while textbook depreciation is recognized under an accelerated method over the life of the textbook. We believe this method most accurately reflects the actual pattern of decline in the economic value of the assets, resulting in higher costs earlier in the textbook lifecycle. Changes in our cost of revenues may be disproportionate to changes in our revenues because unrecoverable costs, such as outbound shipping and other fulfillment and payment processing fees, are expensed in the period they are incurred while revenues are recognized ratably over the rental term. This effect is particularly pronounced in the first and third quarters, corresponding to the beginning of academic terms. As a result, we could experience quarters in which our cost of revenues exceeds our revenues for the period. In addition, cost of revenues includes the depreciation

of our eTextbook Reader software, publisher content fees for eTextbooks and allocated information technology and facilities costs.

Cost of revenues also consists of content amortization expense related to content that we develop or license, including publisher agreements for which we pay one-time license fees for published content, enrollment marketing services leads purchased from third-party suppliers to fulfill leads that we are unable to fulfill through our internal database, personnel costs and other direct costs related to providing content or services. In addition, cost of revenues include allocated information technology and facilities costs.

We anticipate that to the extent Chegg Services revenues grow and the execution of our strategic partnership with Ingram is successful, our gross margins will generally improve over time.

### **Operating Expenses**

We classify our operating expenses into five categories: technology and development, sales and marketing, general and administrative, restructuring (credits) charges and gain on liquidation of textbooks. One of the most significant components of our operating expenses is employee-related costs, which include share-based compensation expenses. We expect to continue to hire new employees in order to support our current and anticipated growth. In any particular period, the timing of additional hires could materially affect our operating expenses, both in absolute dollars and as a percentage of revenues. Our costs and expenses contain information technology expenses and facilities expenses such as webhosting, depreciation on our infrastructure systems, lease expense and the employee-related costs for information technology support staff. We allocate these costs to each expense category, including cost of revenues, technology and development, sales and marketing and general and administrative. The allocation is primarily based on the headcount in each group at the end of a period. As our business grows, our operating expenses may increase over time to expand capacity and sustain our workforce.

#### Technology and Development

Our technology and development expenses consist of salaries, benefits and share-based compensation expense for employees in our product and web design, engineering and technical teams who are responsible for maintaining our website, developing new products and improving existing products. Technology and development costs also include amortization of acquired intangible assets, webhosting costs, third-party development costs, research and development expenses and allocated information technology and facilities expenses. We expense substantially all of our technology and development expenses as they are incurred. In the past three years, our expenses have increased to support new products and services as well as to expand our infrastructure capabilities to support back-end processes associated with our revenue transactions and internal systems. We intend to continue making significant investments in developing new products and services and enhancing the functionality of existing products and services.

#### Sales and Marketing

Our sales and marketing expenses consist of user and advertiser-facing marketing and promotional expenditures through a number of targeted online marketing channels, sponsored search, display advertising, email marketing campaigns and other initiatives. We incur salaries, benefits and share-based compensation expenses for our employees engaged in marketing, business development and sales and sales support functions required for enrollment marketing services and amortization of acquired intangible assets and allocated information technology and facilities costs. Our marketing expenses are largely variable; and we tend to incur these in the first and third quarters of the year due to our efforts to target students at the beginning of academic terms. To the extent there is increased or decreased competition for these traffic sources, or to the extent our mix of these channels shifts, we would expect to see a corresponding change in our marketing expense. Sales and marketing expenses also include lead generation services and sales commissions for our enrollment marketing services and advertising.

#### General and Administrative

Our general and administrative expenses consist of salaries, benefits and share-based compensation expense for certain executives as well as our finance, legal, human resources and other administrative employees. In addition, general and administrative expenses include outside consulting, legal and accounting services, provision for doubtful accounts and allocated information technology and facilities costs. We expect to incur additional costs when we transition from an "emerging growth company" including increased audit, legal, regulatory and other related fees.

Restructuring (Credits) Charges

Restructuring (credits) charges are primarily comprised of severance costs, contract and program termination costs, asset impairments and costs of facility consolidation and closure. Restructuring charges are recorded upon approval of a formal management plan and are included in the operating results of the period in which such plan is approved and the expense becomes estimable.

Gain on Liquidation of Textbooks

Gain on liquidation of textbooks consists of proceeds we receive from the sale of previously rented print textbooks, through our website or to wholesalers and other channels, offset by the net book value of such textbooks. Our gain on liquidation of textbooks is driven by several factors including age of the books liquidated, the volume of books liquidated at a

44

given point in time and the channel through which we liquidate. When the proceeds received exceed the net book value of the textbooks liquidated, we record a gain on liquidation of textbooks.

Interest Expense, Net and Other (Expense) Income, Net

Interest expense, net and other (expense) income, net consists primarily of interest expense on our debt obligations and interest income on our cash and cash equivalents and investment balances.

Provision for Income Taxes

Provision for income taxes consists primarily of federal and state income taxes in the United States and income taxes in foreign jurisdictions in which we conduct business. Due to the uncertainty as to the realization of the benefits of our domestic deferred tax assets, we have recorded a full valuation allowance against such assets. We intend to continue to maintain a full valuation allowance on our domestic deferred tax assets until there is sufficient evidence to support the reversal of all or some portion of these allowances.

# **Results of Operations**

The following table summarizes our historical consolidated statements of operations (in thousands, except percentage of total net revenues):

	Year Ended Dece 2016	2014	
Net revenues:			
Rental	\$39,837 16 %	\$120,365 40 %	\$181,570 60 %
Services	181,264 71	131,996 44	87,460 29
Sales	32,989 13	49,012 16	35,804 11
Total net revenues	254,090 100	301,373 100	304,834 100
Cost of revenues <sup>(1)</sup> :			
Rental	28,637 11	98,162 32	145,760 48
Services	54,767 22	43,794 15	31,158 10
Sales	36,197 14	47,893 16	34,067 11
Total cost of revenues	119,601 47	189,849 63	210,985 69
Gross profit	134,489 53	111,524 37	93,849 31
Operating expenses <sup>(1)</sup> :			
Technology and development	66,331 26	59,391 20	49,386 16
Sales and marketing	53,949 21	64,082 21	72,315 24
General and administrative	55,372 22	45,209 15	41,837 14
Restructuring (credits) charges	(423) —	4,868 2	
Gain on liquidation of textbooks	(670) —	(4,326) (2)	(4,555 ) (2 )
Total operating expenses	174,559 69	169,224 56	158,983 52
Loss from operations	(40,070) (16)	(57,700) (19)	(65,134) (21)
Total interest expense, net and other (expense) income, net	(468) —	(31) —	562 —
Loss before provision for income taxes	(40,538) (16)	(57,731) (19)	(64,572) (21)
Provision for income taxes	1,707 (1)	1,479 (1)	186 —
Net loss	\$(42,245) (17)%	b \$(59,210) (20)%	\$(64,758) (21)%
<sup>(1)</sup> Includes share-based compensation expense as follows:			
Cost of revenues	\$172	\$262	\$617
Technology and development	14,771	11,992	10,451
Sales and marketing	6,124	7,901	11,300
General and administrative	20,718	18,620	14,520
Total share-based compensation expense	\$41,785	\$38,775	\$36,888

Year Ended December 31, 2016, 2015 and 2014

#### Net Revenues

Net revenues in the year ended December 31, 2016 decreased \$47.3 million, or 16%, compared to the same period in 2015. Rental revenues decreased \$80.5 million or 67%, while services revenues increased \$49.3 million, or 37%, and sales revenues decreased \$16.0 million, or 33%.

Net revenues in the year ended December 31, 2015 decreased \$3.5 million, or 1%, compared to the same period in 2014. Rental revenues decreased \$61.2 million or 34%, while services revenues increased \$44.5 million, or 51%, and sales revenues increased \$13.2 million, or 37%.

The decrease in rental revenues during the years ended December 31, 2016 and 2015 was due to our strategic partnership with Ingram. As a result of our strategic partnership, our rental revenues are increasingly classified as services revenues to represent the commission on the total revenues that we earn from Ingram upon their fulfillment of a rental transaction using books for which Ingram has title and risk of loss rather than recognizing rental revenues from transactions using our print textbooks. The increase in services revenues during the years ended December 31, 2016 and 2015 was driven primarily from growth across our other offerings for students which included increased revenues from Chegg Study and our various acquisitions in 2014 and 2016 as well as an increase in the commissions earned from Ingram. The decrease in sales revenues during the year ended December 31, 2016 and the increase in sales revenues during the year ended December 31, 2015 was driven by sales of print textbooks through our website on a just-in-time basis.

The following table sets forth our total net revenues for the periods shown for our Chegg Services and Required Materials product lines (dollars in thousands):

Year Ended			Change in 2016		Change in 2015		
December 31,					Change in 2015		
	2016	2015	2014	\$	%	\$	%
Chegg Services	\$129,335	\$94,285	\$68,117	\$35,050	37 %	\$26,168	38 %
Required Materials	124,755	207,088	236,717	(82,333)	(40)%	(29,629)	(13)%
Total net revenues	\$254,090	\$301,373	\$304,834	(47,283)	(16)%	(3,461)	(1)%

Chegg Services revenues increased \$35.1 million, or 37%, in the year ended December 31, 2016, compared to the same period in 2015 due to growth in subscribers for our Chegg Study and Chegg Tutors services as well as revenues from our acquisition of Imagine Easy in the second quarter of 2016. Chegg Services revenues represented 51% and 31% of net revenues during the years ended December 31, 2016 and 2015, respectively. Required Materials revenues decreased \$82.3 million, or 40%, in the year ended December 31, 2016 compared to the same period in 2015 primarily due to our strategic partnership with Ingram. Our Required Materials revenues are increasingly comprised of a commission earned from Ingram rather than the full revenues from a print textbook rental transaction. Required Materials revenues decreased throughout 2016 and we fully transitioned new investments in the print textbook library and logistics and fulfillment for print textbook rental and sale orders to Ingram. Required Materials revenues represented 49% and 69% of net revenues during the years ended December 31, 2016 and 2015, respectively.

Chegg Services revenues increased \$26.2 million, or 38%, in the year ended December 31, 2015, compared to the same period in 2014 due to growth in subscriptions for our Chegg Study service. Chegg Services represented 31% and 22% of net revenues during the years ended December 31, 2015 and 2014, respectively. Required Materials revenues decreased \$29.6 million, or 13%, in the year ended December 31, 2015 compared to the same period in 2014 primarily due to our partnership with Ingram. Required Materials revenues represented 69% and 78% of net revenues during the years ended December 31, 2015 and 2014, respectively.

#### Cost of Revenues

The following table sets forth our cost of revenues for the periods shown (dollars in thousands):

	Year Ended December 31,			Change in 2016		Change in 2015	
Cost of revenues <sup>(1)</sup>	2016 \$119,601	2015 \$189,849	2014 \$210,985	\$ \$(70,248)	% (37)%	\$ \$(21,136)	% (10)%
<sup>(1)</sup> Includes share-based compensation expense of:	\$172	\$262	\$617	\$(90)	(34)%	\$(355 )	(58)%

Cost of revenues in the year ended December 31, 2016 decreased by \$70.2 million, or 37%, compared to the same period in 2015. The decrease in absolute dollars and as a percentage of revenues for the year ended December 31, 2016 was primarily due to a decrease in textbook depreciation of \$34.3 million, lower order fulfillment costs of \$18.3 million, lower write-offs related to our print textbook library of \$4.2 million, lower warehouse personnel costs of \$3.1 million and lower cost of print textbooks sold of \$16.4 million. These savings were partially offset by higher amortization of digital content of \$5.3 million. As a result, gross margins increased to 53% in the year ended December 31, 2016, from 37% in the year ended December 31, 2015.

Cost of revenues in the year ended December 31, 2015 decreased by \$21.1 million, or 10%, compared to the same period in 2014. The decrease in absolute dollars and as a percentage of revenues for the year ended December 31, 2015 was primarily due to a decrease in textbook depreciation of \$26.6 million, write-offs related to our print textbook library of \$5.2 million and lower warehouse personnel costs of \$5.6 million. These savings were partially offset by higher cost of print textbooks sold of \$15.5 million and higher amortization of digital content of \$1.6 million. As a result, gross margins increased to 37% in the year ended December 31, 2015, from 31% in the year ended December 31, 2014.

The decreases in cost of revenues in the year ended December 31, 2016 compared to the same period in 2015 and in the year ended December 31, 2015 compared to the same period in 2014 resulted from Ingram's fulfillment of print textbook rental orders and the closure of our warehouse in Kentucky. Further, as Ingram has taken title and risk of loss for the print textbook inventory needed to fulfill all print textbooks rentals and sales, our total cost of revenues has decreased and will continue to decrease continually improving our total gross margins.

#### **Operating Expenses**

The following table sets forth our total operating expenses for the periods shown (dollars in thousands):

	Year Ended December 31,			Change in 2016 Change in 2015			
	2016	2015	2014	\$	%	\$	%
Technology and development <sup>(1)</sup>	\$66,331	\$59,391	\$49,386	\$6,940	12 %	\$10,005	20 %
Sales and marketing <sup>(1)</sup>	53,949	64,082	72,315	(10,133)	(16)	(8,233	(11)
General and administrative <sup>(1)</sup>	55,372	45,209	41,837	10,163	22	3,372	8
Restructuring (credits) charges	(423	4,868	—	(5,291)	n/m	4,868	n/m
Gain on liquidation of textbooks	(670	) (4,326 )	(4,555)	3,656	(85)	229	(5)
Total operating expenses	\$174,559	\$169,224	\$158,983	\$5,335	3 %	\$10,241	6 %

<sup>(1)</sup> Includes share-based compensation expense of:

Technology and development	\$14,771	\$11,992	\$10,451	\$2,779	23 %	\$1,541	15 %
Sales and marketing	6,124	7,901	11,300	(1,777)	(22)	(3,399	) (30)
General and administrative	20,718	18,620	14,520	2,098	11		