

# Graduate Student Highlights

April 2019 – June 2019

## **Tinyi Chu** | *Computational Biology*



Computational biology doctoral student Tinyi Chu's research combines information science and cancer biology. After studying as a structural biologist as an undergraduate, he now uses mathematics to understand biological systems with a current focus on glioblastoma, a type of brain tumor. Having received the Hsien and Daisy Yen Wu Scholarship, he is encouraged to continue working to help cancer patients.

[Graduate School spotlight](#)

## **Ekarina Winarto** | *Linguistics*



Ekarina Winarto, a doctoral candidate in the field of linguistics, studies the theory of generative grammar, working to find the possibilities and limitations of language as well as the universal principles all languages share. In addition to pursuing doctoral work, she is the president of the Graduate and Professional Student Assembly and aims to facilitate productive conversations around campus to implement positive change.

[Graduate School spotlight](#)

## **Michal Matejczuk** | *Global Development*



Master of professional studies candidate Michal Matejczuk chose to pursue studies in international agriculture and rural development to combine his culinary interests, Peace Corps experience, and goal to improve household nutritional models. Named a Luce Scholar, he will be spending the next year in Asia focusing on alleviating poverty through social entrepreneurship, environmental conservation, and public health interventions in support of nutrition.

[Graduate School spotlight](#)

## **Kelsie Doty** | *Fiber Science and Apparel Design*



Kelsie Doty, a doctoral candidate in fiber science and apparel design, is conducting research on the use of plant- and insect-based textile dyes in the U.S. apparel supply chain for her dissertation. Having received a Graduate School Research Travel Grant, she will be traveling to the west coast to visit natural dyers and document the use of natural dyes within the apparel and textile industry.

[Graduate School spotlight](#)

## **Hirokazu Togo** | *Public Health*



Master of public health student Hirokazu Togo studies food safety and prevention against food poisoning. Having worked with the New York State Department of Health and Cornell Food Safety Center of Excellence during his M.P.H. program, he will be returning to the Tokyo Metropolitan Government to promote preventative food safety policy beginning this past May.

[Graduate School spotlight](#)

## **Christian Posbergh** | *Animal Science*



Christian Posbergh, a doctoral student in animal science, studies animal genetics and genomics with a focus on sheep and goats. In his dissertation research, he has identified genetic differences among sheep and dairy production in goats that will aid more selective breeding practices. Through more selective breeding, he hopes animals will become more efficient to better serve the world's growing population.

[Graduate School spotlight](#)

## **Piyawat Louilarpprasert** | *Music*



Doctor of musical arts student Piyawat Louilarpprasert studies sonic arts and visual studies, including exploration of musical instruments and human physicality. His research focuses on the elements of sight and sound in Thai music to create new musical composition. As part of his studies, he will be traveling to Thailand with a Graduate School Research Travel Grant to understand Thai musical and cultural originality.

[Graduate School spotlight](#)

## **Miquela Hanselman** | *Public Health*



Miquela Hanselman, a master of public health student, worked with the Milk Quality Improvement Program and Food Safety Lab to maintain and improve milk quality in New York State. After gaining this experience, she decided to spend a semester in Washington, D.C. to influence policy and combine her interests in public health and agriculture.

[Graduate School spotlight](#)

## **Chinasa Okolo** | *Computer Science*



Computer science doctoral student Chinasa Okolo uses machine learning to improve healthcare information technologies in the Global South for rapid diagnosis and treatment of tropical diseases. Having been encouraged by her parents to consider a career in the medical field, she knew she could combine her passions for technology and healthcare in a way that benefits both patients and professionals.

[Graduate School spotlight](#)

## Graduate School News

<b>Using Technology for Social Good: Alumnus Featured at Pathways to Success Symposium</b>	Kaiton Williams, Ph.D. '17 returned to campus to speak to students about ethical social entrepreneurship during the winter Pathways to Success Symposium. <a href="#">Read more...</a>
<b>Using Stories Toward Greater Inclusion</b>	My Voice, My Story sessions pair video monologues with facilitated dialogue to generate understanding and empathy while giving voice to lived graduate student experiences. <a href="#">Read more...</a>
<b>Eleven Graduate and Professional Students Lobby on Capitol Hill</b>	Eleven Graduate School students traveled to Capitol Hill for Cornell Advocacy Day, where they met with members of Congress and their staffs to discuss research funding and financial aid. <a href="#">Read more...</a>
<b>Speaker Series to Continue in 2019-2020</b>	The Graduate and Professional Women's Network received a President's Council of Cornell Women Leadership Grant to continue their successful speaker series. <a href="#">Read more...</a>
<b>Five Inducted into Bouchet Graduate Honor Society</b>	Five doctoral candidates were inducted into the Edward A. Bouchet Graduate Honor Society, which recognizes scholarly achievement and promotes diversity and excellence in education and the professoriate. <a href="#">Read more...</a>
<b>Second Annual Play Held at the Big Red Barn</b>	The Big Red Barn Players put on their second annual production, allowing graduate students the opportunity to participate in low-stakes theater. <a href="#">Read more...</a>
<b>Corda Receives ACUI Award</b>	The Association of College Unions International presented former Big Red Barn Manager Kris Corda with their Emeritus Award. <a href="#">Read more...</a>
<b>Graduate School Photo Contest Winners Announced</b>	Three images were selected as winners of the Graduate School's Got Gratitude? Photo Contest. <a href="#">Read more...</a>
<b>Twelve Receive Awards Recognizing Inclusive Excellence</b>	The Graduate Office of Inclusion and Student Engagement and the Graduate and Professional Student Diversity Council presented their 2019 Distinguished Awards. <a href="#">Read more...</a>

<b>GPSA Members Recognized at Ceremony</b>	Graduate and professional students and Graduate School leadership gathered to celebrate the accomplishments of the Graduate and Professional Student Assembly. <a href="#">Read more...</a>
<b>Students Discuss BEST Program in Podcast</b>	Six graduate students spoke about their experiences with Cornell's Broadening Experiences in Scientific Training program in a podcast hosted by a Cornell alumnus. <a href="#">Read more...</a>
<b>Experiential Program Director Joins Graduate School</b>	To facilitate the expansion of the Broadening Experiences in Scientific Training program to include graduate students and postdoctoral scholars from all disciplines, Denise DiRienzo was hired as experiential program director. <a href="#">Read more...</a>
<b>Cornell Employees Earn Doctorate Degrees</b>	Four participants in the Employee Degree Program reflect on their experiences earning a Ph.D. while simultaneously working full-time at Cornell. <a href="#">Read more...</a>
<b>Six Doctoral Students Receive Ford Fellowships</b>	Six doctoral students received 2019 Ford Foundation Fellowships. <a href="#">Read more...</a>
<b>Anthropology Ph.D. Candidate Named Newcombe Fellow</b>	Natalie Nesvaderani, a doctoral candidate in anthropology, received a Charlotte W. Newcombe Doctoral Dissertation Fellowship. <a href="#">Read more...</a>

## Additional Graduate Students of Note

Student, Field	Achievement/Story Feature
<b>Philip Burnham and Michael Wang,</b> biomedical engineering	Doctoral student Philip Burnham is first author on a paper about single-cell RNA sequencing, to which doctoral student Michael Wang also contributed. <a href="#">Learn more...</a>
<b>Ryan Hearn and Joseph Rhyne,</b> linguistics	Linguistics doctoral students Ryan Hearn and Joseph Rhyne are credited with the creation of Torfan, a language used in the Captain Marvel movie. <a href="#">Learn more...</a>
<b>Lu Zhang,</b> chemistry and chemical biology	Doctoral student Lu Zhang studies a class of enzymes and its application in cancer therapy

	with a focus on breast cancer treatments. <a href="#">Learn more...</a>
<b>Lauren Kilgour</b> , information science	Information science doctoral student Lauren Kilgour is co-author of a paper examining the privacy issues associated with “granny cams”. <a href="#">Learn more...</a>
<b>Meir Friedenber</b> g, computer science	Alongside a professor, doctoral student Meir Friedenber developed a mathematical model to calculate blameworthiness, which could have implications for AI. <a href="#">Learn more...</a>
<b>Sarah Brown</b> , public affairs, and <b>Celine Cammarata</b> , human development	Sarah Brown and Celine Cammarata were two of 11 graduate and professional students to lobby on Capitol Hill on Cornell Advocacy Day. <a href="#">Learn more...</a>
<b>Marika Nell</b> , civil and environmental engineering	Marika Nell discusses the benefits of the GPWomeN-PCCW Speaker Series, which recently received a PCCW Leadership Grant to continue into 2019-2020. <a href="#">Learn more...</a>
<b>Maithra Raghu</b> , computer science	Doctoral candidate Maithra Raghu and her research was profiled in an article on the Forbes 2019 “30 Under 30”. <a href="#">Learn more...</a>
<b>Adam Dolan</b> , biochemistry, molecular and cell biology	Adam Dolan contributed to research on CRISPR-Cas3 and its promise for curing diseases, which was picked up by various news outlets. <a href="#">Learn more...</a>
<b>Samuel Blake</b> , performing and media arts	Doctoral student Samuel Blake conceived, curated, and directed “An Evening at the Caffe Cino.” <a href="#">Learn more...</a>
<b>Elaigwu Ameh</b> , performing and media arts, <b>Marysol Luna</b> , mechanical engineering, <b>Monet Roberts</b> , biomedical engineering, <b>Lory Henderson</b> , microbiology, and <b>Aravind Natarajan</b> , microbiology	Elaigwu Ameh, Marysol Luna, Monet Roberts, Lory Henderson, and Aravind Natarajan were inducted into the Edward A. Bouchet Graduate Honor Society during the 2019 conference at Yale. <a href="#">Learn more...</a>
<b>Rediet Abebe</b> , computer science	Computer science doctoral student Rediet Abebe is first author on a paper studying health-related internet search terms in Africa. <a href="#">Learn more...</a>
<b>Yan Wang</b> , computer science	Yan Wang, a doctoral student in computer science, is first author on a paper about a new method for self-driving cars to navigate their surroundings. <a href="#">Learn more...</a>

<b>Patrick Brennan</b> , art	An exhibition by M.F.A. student Patrick Brennan was displayed in the Hilton Garden Inn during the month of April. <a href="#">Learn more...</a>
<b>Katelyn Palumbo</b> , public administration	During the 2019 Community Engagement Showcase, M.P.A. student Katelyn Palumbo presented her research into issues faced by resettled refugees in Buffalo. <a href="#">Learn more...</a>
<b>Carlos Roberto Ramírez</b> , musicology	As an Ithaca College 2018-19 Diversity Pre-doctoral Scholar, Carlos Roberto Ramírez presented his research into the oppression of 16 <sup>th</sup> century Spanish women in music during the Diversity Scholars Research Showcase. <a href="#">Learn more...</a>
<b>Skye Hart '18</b> and <b>Hailey Morey</b> , regional planning	M.R.P. students Skye Hart and Hailey Morey traveled to the South Pacific island nation of Tonga to examine the effects of climate change over spring break. <a href="#">Learn more...</a>
<b>Andrew Harding</b> , Asian studies	Doctoral student Andrew Harding organized the second annual play at the Big Red Barn for graduate students who want to participate in theatre. <a href="#">Learn more...</a>
<b>Christina Korting</b> , applied economics and management, and <b>Samuel Taylor</b> , communication	Doctoral candidates Christina Korting and Samuel Taylor will be conducting grant-funded social sciences research alongside professors. <a href="#">Learn more...</a>
<b>Caitlin Kane</b> , performing and media arts, and <b>Can Bilir</b> , music	Caitlin Kane directed the Leigh Fondakowski play "Spill" and the Cornell Symphony Orchestra performed a new composition by Can Biilir. <a href="#">Learn more...</a>
<b>Yan Wang</b> , computer science	Yan Wang, a doctoral student in computer science, is first author on a paper studying a new method for the navigation of self-driving cars. <a href="#">Learn more...</a>
<b>Ryan Hearn</b> and <b>Joseph Rhyne</b> , linguistics	Doctoral students Ryan Hearn and Joseph Rhyne created the alien language Torfan for the "Captain Marvel" movie. <a href="#">Learn more...</a>
<b>Camille Jones</b> , nutritional sciences, <b>Darin Self</b> , government, and <b>Ksenia Pavlenko</b> , history of art and visual studies	Doctoral students Camille Jones, Darin Self, and Ksenia Pavlenko are three of 86 students who have been awarded travel grants from the Einaudi Center. <a href="#">Learn more...</a>
<b>Angela Cools</b> , economics	Economics student Angela Cools is conducting research on the impact of high-

	achieving male peers on young girls. <a href="#">Learn more...</a>
<b>Yan Wang</b> , computer science	Doctoral student Yan Wang is first author on a paper examining a new way for self-driving cars to 'see.' <a href="#">Learn more...</a>
<b>Sarah Murphy</b> , food science	Sara Murphy, a doctoral candidate in food science, is one of 21 students who received a travel scholarship from the International Association for Food Protection. <a href="#">Learn more...</a>
<b>Thea Kozakis</b> , astronomy	Doctoral student Thea Kozakis is co-author on a paper examining how thawing exomoons might offer scientists a chance to find life on their surfaces. <a href="#">Learn more...</a>
<b>Erik Taylor</b> , materials science and engineering	Erik Taylor, a doctoral student in materials science and engineering, studies chemical changes in bone, specifically in bones belonging to osteoporotic patients. <a href="#">Learn more...</a>
<b>Young Joon Suh '17</b> , biological engineering	Young Joon Suh is lead author on a paper studying diabetics' increased risk for metastatic cancer. <a href="#">Learn more...</a>
<b>Caitlin Kane</b> , performing and media arts	Doctoral candidate Caitlin Kane directed a performance of Leigh Fondakowski's "Spill." <a href="#">Learn more...</a>
<b>Annie Sheng</b> , anthropology	Anthropology graduate student Annie Sheng pieced together research on the origins of milk bread. <a href="#">Learn more...</a>
<b>Nathan London</b> , chemistry and chemical biology, <b>Janani Hariharan</b> , soil and crop sciences, <b>Mariela Nunez Santos</b> , biochemistry, molecular and cell biology, <b>Ekarina Winarto</b> , linguistics, <b>Rediet Abebe</b> , computer science, <b>Jayme Kilburn</b> , performing and media arts	At the 2019 Graduate Diversity and Inclusion Spring Recognition Banquet, five doctoral students were recognized for their contributions to inclusive excellence: Janani Hariharan, Mariela Nunez Santos, Ekarina Winarto, Rediet Abebe, and Jayme Kilburn. Doctoral student Nathan London served on the nomination committee. <a href="#">Learn more...</a>
<b>Ekarina Winarto</b> , linguistics	Ekarina Winarto reflected on the GPSA Recognition Ceremony and the work of other members. <a href="#">Learn more...</a>
<b>Renee Sifri</b> , chemistry, and <b>Anna Srapionyan</b> , applied mathematics	Doctoral students Renee Sifri and Anna Srapionyan were honored with the 2018-19 Cornelia Ye Outstanding Teaching Assistant Award. <a href="#">Learn more...</a>

<p><b>Chris Hewitt, Frances Revel, Sasha Smith, Alice Turski, Remy Barnes, Nneoma Ike-Njoku, Alice Mercier, and Charlotte Pattison,</b> creative writing</p>	<p>M.F.A. graduate students Chris Hewitt, Frances Revel, Sasha Smith, Alice Turski, Remy Barnes, Nneoma Ike-Njoku, Alice Mercier, and Charlotte Pattison participated in a graduation reading. <a href="#">Learn more...</a></p>
<p><b>Alexander Grant,</b> physics</p>	<p>Doctoral candidate Alexander Grant is lead author of a paper examining the detectable mark of gravitational waves. <a href="#">Learn more...</a></p>
<p><b>Laura Carroll,</b> food science and technology, <b>Lory Henderson,</b> microbiology, and <b>Genevieve Sullivan,</b> food science and technology</p>	<p>Doctoral candidate Laura Carroll is co-lead author on a paper examining a new antibiotic resistance gene, to which Lory Henderson and Genevieve Sullivan contributed. <a href="#">Learn more...</a></p>
<p><b>Marika Nell,</b> civil and environmental engineering, <b>Andy Sanchez,</b> chemical and biomolecular engineering, and <b>Janani Hariharan,</b> soil and crop sciences</p>	<p>Graduate students Marika Nell, Andy Sanchez, and Janani Hariharan offered insights into their experiences with Cornell's BEST Program during an episode of the "When Science Speaks" podcast. <a href="#">Learn more...</a></p>
<p><b>Samantha Carouso-Peck,</b> psychology, <b>Jihyun Kim,</b> music, <b>Henry Kunerth,</b> ecology and evolutionary biology, <b>Maria Modanu,</b> neurobiology and behavior, <b>Grace Greiner,</b> English, <b>Cody Duell,</b> physics, <b>Roy Moval,</b> psychology, <b>Nina Obermeier,</b> government, <b>Tyler A. Anderson,</b> physics, <b>Becky Lu,</b> English, and <b>Maru Sarazole,</b> mathematics</p>	<p>Samantha Carouso-Peck, Jihyun Kim, Henry Kunerth, Maria Modanu, Grace Greiner, Cody Duell, Roy Moval, Nina Obermeier, Tyler A. Anderson, Becky Lu, and Maru Sarazole received A&amp;S Teaching Awards for their skills as teaching assistants and mentors to undergraduate students. <a href="#">Learn more...</a></p>
<p><b>Jennie Sims,</b> biochemistry, molecular and cell biology</p>	<p>Graduate student Jennie Sims, who studies how cancer cells repair DNA breaks, received the 2019 Harry and Samuel Mann Outstanding Graduate Student Award. <a href="#">Learn more...</a></p>
<p><b>Angela Cools, M.A. '18,</b> economics</p>	<p>Doctoral candidate Angela Cools co-authored a study that found teenage girls' education suffers when they have more high-achieving boys in their classes. <a href="#">Learn more...</a></p>
<p><b>Halle Mahoney,</b> public affairs</p>	<p>CIPA student Halle Mahoney contributed to research on prison education programs in New York as a 2019 Cornell 2Gen Scholar. <a href="#">Learn more...</a></p>
<p><b>Esin Durmus,</b> computer science</p>	<p>Doctoral student Esin Durmus is first author of a study that concludes social networks and</p>

	interactions help individuals win online debates. <a href="#">Learn more...</a>
<b>Elizabeth Lyon</b> , musicology	Graduate student Elizabeth Lyon will be performing in Mayfest. <a href="#">Learn more...</a>
<b>Jennifer Uehling</b> , ecology and evolutionary biology	Graduate student Jennifer Uehling led a team of scientists in reviewing documented parrot observations from the past 15 years to establish feral parrot populations. <a href="#">Learn more...</a>
<b>Jesse Silverberg</b> , physics	Graduate student Jesse Silverberg studied how the motion of people in mosh pits mimics the same motion of natural gaseous particles. <a href="#">Learn more...</a>
<b>Marsha Jean-Charles</b> , Ph.D. '19, <b>Oluwakanyinsola Obayan</b> , and <b>Nadia Sasso</b> , Africana Studies	Marsha Jean-Charles became the first graduate of the Africana studies doctoral program during the 2019 Ph.D. Hooding Ceremony, at which Oluwakanyinsola Obayan and Nadia Sasso participated in preparation to graduate later this year. <a href="#">Learn more...</a>
<b>Jeff Sward</b> and <b>Jiajun Gu</b> , mechanical engineering	Doctoral candidates Jeff Sward and Jiajun Gu co-authored a paper on the shift in solar power electricity production in winter. <a href="#">Learn more...</a>
<b>Farshid Salimi Jazi</b> , biological and environmental engineering	Graduate student Farshid Salimi Jazi is first author of a paper examining a way in which to store sustainably generated energy. <a href="#">Learn more...</a>
<b>Eve Vavagiakis</b> , physics	Doctoral student Eve Vavagiakis spoke at a Science on Tap event, describing how scientists use ancient light to study galaxies and elusive particles. <a href="#">Learn more...</a>
<b>Tess Pendergrast</b> , development sociology	Tess Pendergrast, a doctoral candidate in development sociology, helps coordinate an undergraduate minor in community food systems. <a href="#">Learn more...</a>
<b>Michael Suguitan</b> , mechanical engineering	Doctoral student Michael Suguitan is first author of a paper about a new social robot that can be customized with hand-crafted materials. <a href="#">Learn more...</a>
<b>Ashley Leach</b> , entomology	Graduate student Ashley Leach is part of a team that created and studied the effectiveness of an integrated pest

	management implementation plan to combat onion thrips. <a href="#">Learn more...</a>
<b>Jeff Sward</b> , mechanical engineering	Jeff Sward will be part of a collaboration between his lab and the EPA, working on a machine learning model designed to predict fossil fuel emissions. <a href="#">Learn more...</a>
<b>Jihyun Kim</b> , music, <b>Henry Kunerth</b> , ecology and evolutionary biology, <b>Samantha Carouso-Peck</b> , psychology, <b>Maria Modanu</b> , neurobiology and behavior, <b>Becky Lu</b> , English, <b>Tyler A. Anderson</b> , physics, <b>Maru Sarazola</b> , mathematics, <b>Grace Catherine Greiner</b> , English, <b>Nina Obermeier</b> , government, <b>Roy Moyal</b> , psychology, and <b>Cody Duell</b> , physics	The College of Arts and Sciences honored graduate students with teaching awards: Jihyun Kim, Henry Kunerth, Samantha Carouso-Peck, Maria Modanu, Becky Lu, Tyler A. Anderson, Maru Sarazole, Grace Catherine Greiner, Nina Obermeier, Roy Moyal, and Cody Duell. <a href="#">Learn more...</a>
<b>Jake Gemerek</b> , M.S. '19, mechanical engineering, <b>Austin Hickman</b> , electrical and computer engineering, <b>Jen-Yu Huang</b> , M.S. '18, chemical engineering, <b>Ariah Klages-Mundt</b> , applied mathematics, and <b>Stephen Sloan</b> , M.S. '18, biomedical engineering	Doctoral students Jake Gemerek, Austin Hickman, Jen-Yu Huang, Ariah Klages-Mundtm and Stephen Sloan were selected as commercialization fellows. <a href="#">Learn more...</a>
<b>Pamela Strausser</b> , industrial and labor relations, <b>Nevjinder Singhota</b> , education, and <b>Sara Eddleman</b> and <b>Amanda Purington</b> , communication	Cornell employees Pamela Strausser, Nevjinder Singhota, Sara Eddleman, and Amanda Purington discussed their experiences as doctoral students enrolled in the Employee Degree Program. <a href="#">Learn more...</a>
<b>Jennifer Uehling</b> , ecology and evolutionary biology	Doctoral student Jennifer Uehling is part of a team working to determine how many species of escaped parrots are living in the United States. <a href="#">Learn more...</a>
<b>Sonia Ahmad</b> , city and regional planning, <b>Elizabeth Alexander</b> , English language and literature, <b>Anne Armstrong</b> , natural resources, <b>Kelsie Doty</b> , fiber science and apparel design, <b>Stephanie Enloe</b> , development sociology, <b>Martin Feehan</b> , natural resources, <b>Christine Georgakakos</b> , biological and environmental engineering, <b>Samuel Gutekunst</b> , operations research and information engineering, <b>Caitlin Kane</b> , performing and media arts, <b>Shrey Kapoor</b> , development sociology, <b>John Kennedy</b> , romance studies, <b>Mary Moroney</b> , linguistics,	Eighteen doctoral students received 2019-2020 Engaged Cornell Graduate Student Grants to support community-engaged dissertation research: Sonia Ahmad, Elizabeth Alexander, Anne Armstrong, Kelsie Doty, Stephanie Enloe, Martin Feehan, Christine Georgakakos, Samuel Gutekunst, Caitlin Kane, Shrey Kapoor, John Kennedy, Mary Moroney, Aravind Natarajan, Ibukun Owoputi, Emily Parker, Nidhi Subramanyam, Fauzul Rizal Sutikno, and Elizabeth Centeno Tablante. <a href="#">Learn more...</a>

<p><b>Aravind Natarajan</b>, microbiology, <b>Ibukun Owoputi</b>, nutrition, <b>Emily Parker</b>, policy analysis and management, <b>Nidhi Subramanyam</b>, city and regional planning, <b>Fauzul Rizal Sutikno</b>, city and regional planning, and <b>Elizabeth Centeno Tablante</b>, nutrition</p>	
<p><b>Jorge Cartaya</b>, comparative literature, <b>Ryan Feathers</b>, biochemistry, molecular and cell biology, <b>Yoselinda Mendoza</b>, sociology, <b>Kevin Quin</b>, Africana studies, <b>Jordan Garcia</b>, ecology and evolutionary biology, <b>Candice Limper</b>, biomedical and biological sciences, and <b>Breanna Leslie-Skye</b>, <b>Esmeralda Arrizon-Palomera</b>, and <b>Joseph Miranda</b>, English language and literature</p>	<p>Doctoral students Jorge Cartaya, Ryan Feathers, Breanna Leslie-Skye, Yoselinda Mendoza, and Kevin Quin received predoctoral competition fellowships from the Ford Fellowships Foundation, Esmeralda Arrizon-Palomera received a dissertation competition fellowship, and Jordan Garcia, Candice Limper, and Joseph Miranda received honorable mentions. <a href="#">Learn more...</a></p>
<p><b>William Thomas</b> and <b>Audrey Burnim</b>, chemistry and chemical biology</p>	<p>Graduate student William Thomas is first author of a study on antibiotic resistance and RNR, of which doctoral student Audrey Burnim is a co-author. <a href="#">Learn more...</a></p>
<p><b>Ashley Leach</b>, entomology</p>	<p>Graduate student Ashley Leach led a team of researchers in the study of onion thrip lifespan and fecundity. <a href="#">Learn more...</a></p>
<p><b>Xueyu Tian</b>, M.S. '19, chemical and biomolecular engineering</p>	<p>Xueyu Tian, M.S. '19, who will be beginning his doctoral studies at Cornell next month, is first author of a study examining a hybrid system using geothermal energy for heating and electricity. <a href="#">Learn more...</a></p>
<p><b>Jennifer Wilson</b>, plant pathology and plant-microbe biology</p>	<p>Doctoral student Jennifer Wilson is co-first author of a paper studying aphids and plant viruses at the molecular level. <a href="#">Learn more...</a></p>
<p><b>Cameron Aubin</b>, mechanical and aerospace engineering, and <b>Rhiannon Jerch</b>, applied economics and management</p>	<p>Doctoral student Cameron Aubin is lead author of a paper that explores the applications of a robot circulatory system, to which doctoral candidate Rhiannon Jerch contributed. <a href="#">Learn more...</a></p>
<p><b>Colin Clement</b>, physics</p>	<p>Doctoral student Colin Clement contributed to the development of an algorithm used to visualize models of the universe. <a href="#">Learn more...</a></p>