RESEARCH DAYS EVENTS

APRIL 24

Innovation Day
8 a.m.-7 p.m., Innovative Technologies Complex
Binghamton University’s fourth-annual Innovation Day will focus on Innovation for the 21st and a Half Century. Newsweek columnist Kevin Maney will deliver the keynote: “Anticipating the Future … Just Enough.” Plenary speaker Mathias Vuille of the University of Albany will speak about how climate change will influence everything from healthcare to the design of our future cities. The day will conclude with two panels on education. The program, which includes lunch and a reception and poster session, is free. To register, visit http://go.binghamton.edu/innovationday. Sponsor: Office of Entrepreneurship and Innovation Partnership

Research Funding Opportunities for Graduate Students and Post-Doctoral Associates
10-11 a.m., UUW-324
Office of Sponsored Programs staff members will discuss their role on campus, demonstrate the use of PIVOT to search for funding opportunities and highlight funding opportunities for graduate students at any stage. For more information, e-mail osp@binghamton.edu. Sponsor: Office of Sponsored Programs

Student Poster Sessions
11 a.m.-noon and 1-2 p.m., UU-Mandela Room
Binghamton Research Days poster presentations will give undergraduate and graduate students from all academic disciplines an opportunity to showcase their research. Sponsors: Provost’s Office, Division of Research, Undergraduate Research Center, McNair Scholars Program

Third Annual Undergraduate Research Conference
1-4 p.m., LN-1106
Undergraduate history majors will present their research. Refreshments provided. Sponsors: Phi Alpha Theta and Department of History

The Larry Wells Memorial Lecture
4 p.m., ES-2008 (ITC)
David Wellbery will present a talk titled “The Tragic Process in Goethe’s Faust.” This is the keynote for the sixth-annual Binghamton University German Studies Colloquium (BUGSC). For details, see http://bugsc.binghamton.edu/2015/keynote.php. Sponsor: Department of German and Russian Studies

STUFFED AND STARVED
The Hidden Battle for the World Food System
Award-winning writer, activist and academic Raj Patel
Keynote Speaker
April 22

Binghamton University
STATE UNIVERSITY OF NEW YORK

go.binghamton.edu/researchdays
Sponsored by Academic Affairs, Division of Research, McNair Scholars Program and the Undergraduate Research Center
Dear students, faculty, staff and friends:

Thank you for joining Binghamton University in celebrating the remarkable research, scholarship and creative work being conducted across campus. As a campus, we can be proud of the important contributions to research, scholarship and creative work our faculty and students make every day.

Discovery and creative work have long been part of the fabric of academic excellence at Binghamton, and we are expanding opportunities for our students to work with our world-class faculty.

Our Freshman Research Immersion program has provided opportunities for first-year STEM students to combine their academic studies with the experience of conducting authentic research, investigating important questions and producing publishable results in the areas of microbiology, neuroscience and chemistry. We are adding opportunities in biomedical chemistry and image and acoustic signals analysis for the coming year. This three-semester program is helping to position our students to continue research in faculty laboratories, obtain summer fellowships and internships and prepare for careers in sciences and engineering.

But it’s not only in the sciences that our students shine. Students in the arts, humanities, social sciences and professional schools are also engaged in high-level research. This summer, 20 undergraduates from across campus will conduct independent research with financial support from our Summer Artists and Scholars program.

Our five Transdisciplinary Areas of Excellence (TAEs) have also solidified collaborations between Academic Affairs and the Division of Research with dozens of faculty participating in collaborative inquiry in the areas of citizenship, rights and cultural belonging; health sciences; material and visual worlds; smart energy; and sustainable communities. Each TAE has developed initiatives that have created a sense of identity, and all five are generating excitement across disciplines.

We thank you for being part of our research celebration and for supporting our students as they showcase their research, scholarly and creative work.

Sincerely,

Donald G. Nieman
Executive Vice President for Academic Affairs and Provost

RESEARCH DAYS EVENTS

APRIL 23

Lab Tours, noon, Binghamton University campus
Area students from eighth grade to high school are invited to tour laboratories in biology, psychology and physics. To participate, contact Rachel Coker, director of research advancement, at rcoker@binghamton.edu. Sponsors: Divisions of Research and Academic Affairs

Institute for Intergenerational Studies Research Day Poster Presentations
11:30 a.m.-1:30 p.m., University Downtown Center Atrium
Learn about research being conducted in our two centers: Center for Family, School and Community Partnerships and the Southern Tier Center on Aging. Faculty members and community partners will present their research via poster presentations. Sponsor: Institute for Intergenerational Studies

Principal Investigators Meeting
1:30-2:30 p.m., Center of Excellence Symposium Hall
The Principal Investigators Meeting is designed to assist researchers in the oversight and management of sponsored programs. This is also an opportunity for researchers to bring questions or issues to the attention of the Division of Research. RSVP to tbower@binghamton.edu. Sponsor: Division of Research

Art Awakening Festival
3-7 p.m., UU-Mandela Room and Old Union Hall
The Art Awakening Festival is a student-run collaborative project dedicated to the establishment of a creative, cohesive artistic body within the Binghamton University community. The event will be a platform for dialogue, inspiration and synergy among student art groups, professors and alumni. The festival will feature a gallery for student work. Sponsors: Alpha Delta Phi Society, and Guitar Club

More events on back page.
Award-winning writer, activist and academic Raj Patel is a research professor in the Lyndon B Johnson School of Public Affairs at the University of Texas, Austin, and a senior research associate at the Unit for the Humanities at Rhodes University (UHURU), South Africa. He has degrees from the University of Oxford, the London School of Economics and Cornell University. He has worked for the World Bank and WTO, and has been a visiting scholar at a number of universities, including UC Berkeley, where he co-taught the 2014 Edible Education class with Michael Pollan. He continues to be a fellow at The Institute for Food and Development Policy, also known as Food First.

Patel was an Institute for Agriculture and Trade Policy Food and Community Fellow from 2011-2013. He has testified about the causes of the global food crisis to the U.S. House Financial Services Committee and was an advisor to Olivier De Schutter, the United Nations special rapporteur on the Right to Food.

In addition to numerous scholarly publications in economics, philosophy, politics and public health journals, Patel regularly writes for The Guardian, and has contributed to the Financial Times, LA Times, NYTimes.com, The San Francisco Chronicle, The Mail on Sunday and The Observer. His first book was Stuffed and Starved: The Hidden Battle for the World Food System, and his latest, The Value of Nothing: How to reshape market society and redefine democracy (2010), was a New York Times best-seller. He is currently working on a documentary project about the global food system with award-winning director Steve James.
GRADUATE STUDENT AWARD FOR EXCELLENCE IN RESEARCH

Scott Boddery
Political science
Mentor: Jeffrey Yates

Trisha Cowen
Computer science
Mentor: John Vernon

Umesh Deshpande
Computer science
Mentor: Kartik Gopalan

Tianyi Gao
Mechanical engineering
Mentor: Bahgat Sammakia

Graig Klein
Political Science
Mentor: David Clark

Meredith Lanska
Psychology
Mentor: Deanne Westerman

Liang Li
Materials science and engineering
Mentor: Guangwen Zhou

Julia Ludewig
Comparative literature
Mentor: Douglas Glick

Lindsay Morra
Psychology
Mentor: Gregory Strauss

Shiyao Shan
Chemistry
Mentor: C.J. Zhong

Jaime Wadowiec
History
Mentor: Elisa Camiscioli

Xing Zhang
Computer science
Mentor: Lijun Yin

Dengyan Zhou
Art history
Mentor: John Tagg

HOWARD HUGHES MEDICAL INSTITUTE (HHMI)

Timothy Friedmann
Biological sciences
Mentors: Karin Sauer and Wayne Jones

Julia Tollin
Chemistry
Mentors: Karin Sauer and Wayne Jones

Troy Vargason
Biomedical engineering
Mentors: Walker Land, David Schaffer and Zingye Qiao

Joshua Cohn
Biomedical engineering
Mentors: Walker Land, David Schaffer and Zingye Qiao

David Rios
Biomedical engineering
Mentors: Walker Land, David Schaffer and Zingye Qiao

Michael Chambers
Biomedical engineering
Mentors: Gretchen Mahler and Ming An

Linus Chee Huat Eng
Chemistry
Mentors: Gretchen Mahler and Ming An

Ethan Van Raalte
Geology
Mentors: Tim Lowenstein and J. Koji Lum

Susan Sincerbox
Integrative neuroscience
Mentors: Tim Lowenstein and J. Koji Lum

Matthew McAuliffe
Integrative neuroscience
Mentors: Ralph Garruto and Hiroki Sayama

Navdep Kaur
Biological sciences and mathematics
Mentors: Ralph Garruto and Hiroki Sayama

Katherine Kaplan
Nursing
Mentor: Geraldine Britton

Mercedez Koo
Nursing
Mentor: Geraldine Britton

Erin McArdle
Nursing
Mentor: Geraldine Britton

Kerrin Nelson
Nursing
Mentor: Geraldine Britton

Lila Olman
Nursing
Mentor: Geraldine Britton

Owitz, Tyler
Nursing
Mentor: Geraldine Britton

Briana Renois
Nursing
Mentor: Geraldine Britton

Keriann Russell
Nursing
Mentor: Geraldine Britton

Nicole Sala
Nursing
Mentor: Geraldine Britton

Shum, Shirley
Nursing
Mentor: Geraldine Britton

Diana Sireci
Nursing
Mentor: Geraldine Britton

Arianne Storch
Nursing
Mentor: Geraldine Britton

Meredith Summers
Nursing
Mentor: Geraldine Britton

Taylor Winby
Nursing
Mentor: Geraldine Britton

INSTITUTE FOR ADVANCED STUDIES IN HUMANITIES (IASH)

Mindy Barnes
Sociology
Mentor: Benita Roth

Caitriona Comerford
Cinema and English
Mentor: Chantal Rodais

Jessica Dunn
Sociology, political science and Africana studies
Mentor: Michael West

Anita Raychaudhuri
English
Mentor: Michael Sharp

Daniel Santos
English
Mentor: Jennifer Stoever

Audrey Sapunarich
English
Mentor: Rachel Coker

Jacob Tesch
Philosophy, politics and law
Mentor: Robert Parkinson

Li Xi
Geography
Mentor: Mark Allan Blumler

Terasa Yu
Human development and English
Mentor: Nicholas Kaldis

INSTITUTE FOR EVOLUTIONARY STUDIES (EVOS)

Stacey Davis
Integrative neuroscience
Mentor: Richard Kauffman

Rafi Schulman
Integrative neuroscience
Mentor: Richard Kauffman

Melina Martin
English and biological sciences
Mentor: Richard Kauffman
Mumtahena Hannan  
Undeclared  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Danielle Kiczales  
Psychology  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Elizabeth Kisty  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Melissa Mendoza  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Chizoba Okoli  
Undeclared  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Mindette Parenteau  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Amy Resue  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Holy Russell  
Undeclared  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Joshua Segovia  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Olivia Sgambellone  
Undeclared  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Lauren Stiles  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Jennifer Swaine  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Emily Thayer  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

Olivia Williams  
Nursing  
Mentors: Judith Quaranta and Fran Srnka-Debnar

INTERDISCIPLINARY TOBACCO USE RESEARCH PROGRAM (ITURP)  

Gabrielle Amoroso  
Nursing  
Mentor: Geraldine Britton

Cassie Anzalone  
Nursing  
Mentor: Geraldine Britton

Courtney Berenato  
Nursing  
Mentor: Geraldine Britton

Victoria Bogil  
Nursing  
Mentor: Geraldine Britton

Brittany Bungert  
Nursing  
Mentor: Geraldine Britton

Alyssa Burt  
Nursing  
Mentor: Geraldine Britton

Allison Butler  
Nursing  
Mentor: Geraldine Britton

Qimin Chen  
Nursing  
Mentor: Geraldine Britton

Jennifer Adesanya  
Integrative neuroscience  
Mentors: Claudia Marques and Scott Craver

Yiben Wang  
Electrical engineering  
Mentors: Claudia Marques and Scott Craver

Nicole Radova  
Biochemistry  
Mentors: Jeffrey Schertzer and Paul Chiarot

Ami Bhavsar  
Mechanical engineering  
Mentors: Jeffrey Schertzer and Paul Chiarot

Tiffany Lu  
Integrative neuroscience  
Mentors: Peter Gerhardstein and Lijun Yin

Seoyoon Park  
Computer science  
Mentors: Peter Gerhardstein and Lijun Yin

Brian Cuzzo  
Chemical sciences  
Mentors: Eriks Rozners, Christof Grewer and Dennis McGee

Ian Anderson  
Chemistry  
Mentors: Eriks Rozners, Christof Grewer and Dennis McGee

Andrea Wolf  
Chemical sciences  
Mentors: Eriks Rozners, Christof Grewer and Dennis McGee

Brianne Studt  
Biochemistry  
Mentors: Christof Grewer and David Werner

Muta Abiff  
Biochemistry  
Mentors: Christof Grewer and David Werner

Jackson Rogow  
Integrative neuroscience  
Mentors: Christof Grewer and David Werner

Nicholas Romero  
Biomedical engineering  
Mentors: Amber Doiron and Karin Sauer

James Ingram  
Biological sciences  
Mentors: Amber Doiron and Karin Sauer

Iris Wang  
Biomedical engineering  
Mentors: Guy German and Claudia Marques

Michelle Kikel  
Biological sciences  
Mentors: Guy German and Claudia Marques

John Fountain  
Biological sciences  
Mentors: Anthony Fiumera and Gretchen Mahler

Gabriella Shull  
Biomedical engineering  
Mentors: Anthony Fiumera and Gretchen Mahler

Nikki Naim  
Biochemistry  
Mentors: Jeffrey Schertzer and Paul Chiarot

Stephanie Smith  
Biomedical engineering  
Mentors: Jeffrey Schertzer and Paul Chiarot

Connor Daniel  
Biological sciences and environmental studies  
Mentors: Weixing Zhu and Thomas Kulp

Joseph Visone  
Biological sciences  
Mentors: Weixing Zhu and Thomas Kulp

Graham Kilduff  
Geology  
Mentors: Weixing Zhu and Thomas Kulp
LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (LSAMP)
Joyce Ajagbe
Bioengineering
Mentor: Amber Doiron
Rumonat Akinlolu
Biological sciences
Mentor: Wei Qiang
Hugo Bernal
Electrical engineering
Mentor: Jeffrey Mativetsky
Yaw Duah
Physics
Oswego Global Lab
Christopher Ferrer
Integrative neuroscience
Mentor: Patricia DiLorenzo
Melissa Marquez
Industrial and systems engineering
Mentor: Sang Won Yoon
Aurelie Niyongabo
Biochemistry
Boston University STaRS Program
Colin Rojas
Geological sciences
Mentor: Jeffrey Pietras
Susy Sanchez
Biomedical engineering
Mentor: Guy German
Mekedem Tenaw
Computer engineering
Mentor: Joon Jang

RONALD E. MCNAIR SCHOLARS PROGRAM
Gina Abrams
Psychology and human development
Mentor: George Homsy
Israt Ahmed
Anthropology and cinema
Mentor: Kathleen Sterling
Eduardo Contreras
Psychology
Oswego Global Lab

Dennis Delgado
Biochemistry
Mentor: Wei Qiang
Leah Ferentinos
English
Mentor: Dara Silberstein
Alyssa Gatto
Psychology
Mentor: Matt Johnson
Luis Gonzalez
Geography
Mentor: Mark Reisinger
Sasha Keizs
Psychology
Mentor: Jennifer Gillis Mattson
Junle Lu
Electrical engineering
Mentor: Seokheun (Sean) Choi
Malaina McKenzie
Psychology and human development
Mentor: Matt Johnson
Monique Saastamoinen
English
Mentor: Lisa Blitz
Azizjon Saliev
Electrical engineering
Oswego Global Lab
Elijah Simmons
English
Mentor: Aja Martinez
Mark Tyneway
Integrative neuroscience
Mentor: David Werner
Tyler West
Philosophy, politics and law
Mentor: David Sloan Wilson

MCNAIR AND LSAMP
David Chuchuca
Biochemistry
Mentor: David Davies
Mustafa Ibrahim
Physics
Mentor: Aleksey Kolmogorov
Kimberley Jabrouin
Integrative neuroscience
Mentor: Lisa Savage

CLINICAL SCIENCE AND ENGINEERING RESEARCH CENTER (CSERC)
Natalie Zolotareva
Integrative neuroscience
Mentor: Kenneth McLeod
Ye Feng
Electrical engineering
Mentor: Kenneth McLeod

ROGER L. KRESGE CENTER FOR NURSING RESEARCH (KCNR)
Gabriella Acobo
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Gabrielle Amos
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Angela Balkunas
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Jessica Balthazar
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Camryn Benjamin
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Pamela Blatkiewicz
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar

Letitia Chang
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Abigail Clark
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Marie Dobrayel
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Antonia Duran
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Megan Eiche
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Austen Ferranti
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Caroline Fike
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Timothy Foster
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Christina Gaberman
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Rosemarie Geoghegan
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Kelly Gleason
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Christine Gutierrez
Nursing
Mentors: Judith Quaranta and Fran Smka-Debnar
Rebekka Dejesse  
Psychology  
Mentor: Sarah Laszlo

Robert Higgins  
Integrative neuroscience  
Mentor: Sarah Laszlo

Ryan Mirchin  
Integrative neuroscience  
Mentor: Sarah Laszlo

Victoria Gertel  
Integrative neuroscience  
Mentor: Sarah Laszlo

CENTER FOR INTEGRATED WATERSHED STUDIES (CIWS)  
Graham Kilduff  
Environmental studies  
Mentor: Thomas Kulp

Joe Visone  
Environmental studies  
Mentor: Thomas Kulp

Ashley Dattoria  
Geological sciences  
Mentor: Thomas Kulp

Elodie Eid  
Environmental studies  
Mentor: John Titus

Nina Sarmento  
Biological sciences  
Mentor: John Titus

Connor Daniel  
Environmental studies  
Mentor: Weixing Zhu

Frank Zagha  
Environmental studies  
Mentor: Joe Graney

Zachary Jaffe  
Geography  
Mentor: Joe Graney

Ryan Ginsburg  
Environmental studies  
Mentor: Peter Knuepfer

CENTER FOR LEADERSHIP STUDIES (CLS)  
Nathaniel Schwartz  
Geography and economics  
Mentor: Don Spangler

Joshua Mordkoff  
Psychology  
Mentor: Don Spangler

Rachel McNair  
Psychology  
Mentor: Don Spangler

Kalie Fiorenza  
Psychology  
Mentor: Don Spangler

Shannon Pereira  
Engineering design  
Mentor: Don Spangler

Nicole Oppedisano  
Psychology  
Mentor: Don Spangler

Caroline Barilla  
Psychology  
Mentor: Don Spangler

Chandni Patel  
Psychology  
Mentor: Don Spangler

Narae Yun  
Psychology  
Mentor: Don Spangler

CENTER FOR WRITERS  
Donovan Borger  
Creative writing  
Mentor: Alexi Zentner

Emily Saso  
Creative writing  
Mentor: Alexi Zentner

Tyler Pluchino  
Biochemistry  
Boston University STaRS Program

Courage Tsiagbe  
Biomedical engineering  
Mentor: Omowunmi Sadik

SUMMER SCHOLARS AND ARTISTS 2015  
Ian Anderson  
Chemistry  
Mentor: Eriks Rozners

Anthony Aprile  
Creative writing and marketing  
Mentor: Liz Rosenberg

Jainea Chang  
English: creative writing  
Mentor: Patricia Lessionasse

Jacqueline Clark  
Biological sciences  
Mentor: Carol Miles

Jesse Cole  
Integrative neuroscience  
Mentor: Marvin Diaz

Christopher Coogan  
Biomedical engineering  
Mentor: Seokheun (Sean) Choi

Thomas Costello  
Cell and molecular biological sciences  
Mentor: Steven Lynn

Timothy Crump  
Cell and molecular biological sciences  
Mentor: Jeffrey Schertzer

Elodie Eid  
Environmental studies  
Mentor: John Titus

Sarah Hobler  
History  
Mentor: Sidney Dement

Tara Jackson  
Integrative neuroscience  
Mentor: Tomonari Nishikawa

Jingwei (Anna) Li  
Cinema and mathematical sciences  
Mentor: Tomonari Nishikawa

Kyle Loftus  
Biochemistry  
Mentor: Sozanne Solmaz

Jon Mermelstein  
History  
Mentor: Kent Schull

Danielle Nigro  
Theatre  
Mentor: Anne Brady

Anita Raychawdhuri  
English  
Barrett Bowlin

Colin Roth  
Architectural history  
Mentor: Julia Walker

Michael Rull  
English: creative writing  
Mentor: Joe Weil

Christian Salazar  
Biological sciences  
Mentor: C.J. Zhong

Hoang (Peter) Ta  
Biomedical engineering  
Mentor: Pong-Yu (Peter) Huang

SUMMER SCHOLARS AND ARTISTS 2014  
Giavana Buffa  
Biological sciences  
Mentor: Ralph Garruto

Rajesh Burela  
Integrative neuroscience  
Mentor: Gretchen Mahler

Evan Flury  
History and music  
Mentor: Daniel Davis

Caitlin Gotimer  
Music (vocal performance)  
Mentor: Thomas Goodheart

Marcella Green  
English and studio art  
Mentor: Costa Sakellariou

Diandra Hassan  
Biochemistry  
Mentor: Seokheun (Sean) Choi
Zhongzhou Huang  
Mechanical engineering  
Mentor: Changhong Ke

Rebecca Irwin  
Bioengineering  
Mentor: Paul Chiarot

Zachary Lebens-Higgins  
Physics  
Mentor: Louis Piper

Eric Lee  
Medieval studies and history  
Mentor: John Chaffee

Alexander Leiss  
Cinema and studio art  
Mentor: Barrett Bowlin

Brandon Lew  
Integrative neuroscience and physics  
Mentor: Lisa Savage

Veronica Mantilla  
Chemistry  
Mentor: Matthew Vetticatt

Samantha Meadows  
Integrative neuroscience  
Mentor: Chris Bishop

Shenny Molina  
Sociology and LACAS  
Mentor: Kelvin Santiago-Valles

UNDERGRADUATE AWARD  
TO SUPPORT RESEARCH  
AND CREATIVE WORK:  
SPRING 2015

Faseeh Ahmed  
Chemistry  
Mentor: Alistair Lees

Lydia Amoa-Owusu  
Africana studies  
Mentor: Nkiru Nzewu

Ian Anderson  
Chemistry  
Mentor: Eriks Rozners

Meghan Bell  
Integrative neuroscience  
Mentor: Ming An

Brandon Burg  
Human development  
Mentor: C.J. Zhong

Spenser Carrion  
Biological anthropology  
Mentor: J. Koji Lum

Lorenz Choi  
Biological sciences  
Mentor: J. Koji Lum

Joshua Cohen  
Biomedical engineering  
Mentor: Guy German

Christopher Coogan  
Biomedical engineering  
Mentor: Seokheun (Sean) Choi

Harrison Dulin  
Biological sciences  
Mentor: J. Koji Lum

Jessica Fabrizio  
Biological anthropology  
Mentor: J. Koji Lum

Leah Ferentinos  
English  
Mentor: Dara Silberstein

Kate Foley  
Biological sciences  
Mentor: Anthony Fiurera

Daniella Forman  
Chemistry  
Mentor: Alistair Lees

Matthew Geiselmann  
Biological sciences  
Mentor: Carol Miles

Eric Gershon  
Biological sciences  
Mentor: Susan Bane

Abigail Gillam  
Biological anthropology  
Mentor: J. Koji Lum

Polina Holubovska  
Chemistry  
Mentor: C.J. Zhong

Alexander Hull  
Chemistry  
Mentor: C.J. Zhong

Karly Weinreb  
Psychology and Judaic studies  
Mentor: Celia Klin

Rebecca Nourmand  
Psychology  
Mentor: Celia Klin

Kimberly Berman  
Integrative neuroscience  
Mentor: Vladimir Miskovic

Eliana Foltin  
Integrative neuroscience  
Mentor: Vladimir Miskovic

Molly O’Hagan  
Integrative neuroscience  
Mentor: Vladimir Miskovic

Ryan O’Rourke  
Integrative neuroscience  
Mentor: Vladimir Miskovic

Jonathan Ravid  
Psychology and chemistry  
Mentor: Vladimir Miskovic

Jessica Young  
Integrative neuroscience  
Mentor: Vladimir Miskovic

Jessica Wasserman  
Integrative neuroscience  
Mentor: Ralph Miller

Tiffany Kurian  
Integrative neuroscience  
Mentor: Ralph Miller

Fannie Chen  
Psychology  
Mentor: Ralph Miller

Christopher Szabo  
Psychology  
Mentor: Ralph Miller

Steven Still  
Psychology  
Mentor: Ralph Miller

Talya Lifshutz  
English and psychology  
Mentor: Albrecht Inhoff

Zachary Finegan  
Psychology  
Mentor: Albrecht Inhoff

Stefani Vail  
Psychology  
Mentor: Albrecht Inhoff

Soyoung Kwag  
Psychology  
Mentor: Albrecht Inhoff

Dallas Alberti  
Psychology  
Mentor: Deanne Westerman

Sharde Islam  
Psychology and philosophy  
Mentor: Deanne Westerman

Emily Groenendaal  
Integrative neuroscience  
Mentor: Deanne Westerman

Yedidyah Herskovics  
Psychology  
Mentor: Deanne Westerman

Jill Mandel  
Integrative neuroscience  
Mentor: Deanne Westerman

Stephanie Bhamdeo  
Integrative neuroscience  
Mentor: Sarah Laszlo

Aira Domingo  
Integrative neuroscience  
Mentor: Sarah Laszlo

Andrea Joananne  
Integrative neuroscience  
Mentor: Sarah Laszlo

Claire Mulpeter  
Undeclared  
Mentor: Sarah Laszlo

Courtney Merrell  
Integrative neuroscience  
Mentor: Sarah Laszlo

Daniel Friedman  
Integrative neuroscience  
Mentor: Sarah Laszlo

Gregory Berger  
Integrative neuroscience  
Mentor: Sarah Laszlo

Kathryn Saturnino  
Integrative neuroscience  
Mentor: Sarah Laszlo
Caroline Sendek  
Integrative neuroscience  
Mentor: Peter Gerhardstein

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Mentor: Peter Gerhardstein

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Mentor: Peter Gerhardstein

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Mentor: C.J. Zhong

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Mentor: Eriks Rozners

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Mentor: Titilayo Okoror

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Integrative neuroscience  
Mentor: Claudia Marques

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Mentor: C.J. Zhong

Seun Ku Kim  
Undeclared  
Mentor: C.J. Zhong

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Integrative neuroscience  
Mentor: Patricia Di Lorenzo

Adam Lepkowsky  
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Mentor: Susan Bane

Fang Lin  
Chemistry and math  
Mentor: C.J. Zhong

Amber Livoti  
Biological anthropology  
Mentor: J. Koji Lum

Phillip Manuel  
Environmental geology  
Mentor: David Jenkins

Malaina McKenzie  
Psychology and human development  
Mentor: Matt Johnson

Bianna Michael  
Chemistry  
Alistair Lees

Caitlin Miller  
Integrative neuroscience  
Mentor: Carol Miles

Joel Mora  
Biological anthropology  
Mentor: J. Koji Lum

Kara Nandin  
Art history and English  
Mentor: Andrew Walkling

William Paulson  
Mechanical engineering  
Mentor: Timothy Singler

Meeti Purani  
Integrative neuroscience and sociology  
Mentor: J. Koji Lum

Thomas Radford  
Biochemistry  
Mentor: Susan Bane

Abu Rahat  
Biological sciences  
Mentor: Ralph Garruto

Jonathan Ravid  
Chemistry and psychology  
Mentor: C.J. Zhong

Alizay Roshan Baig  
Integrative neuroscience  
Mentor: Ralph Garruto

Kamil Roszkowski  
Electrical engineering  
Mentor: Seokheun (Sean) Choi

Christian Salazar  
Biological sciences  
Mentor: C.J. Zhong

Timothy Schreiber  
Biochemistry  
Mentor: Susan Bane

Peter Schuessler  
Biochemistry  
Mentor: Alistair Lees

Jeremy Senko  
Biological anthropology  
Mentor: J. Koji Lum

Susan Sincerbox  
Biological anthropology  
Mentor: J. Koji Lum

Junmyung Song  
Biochemistry and integrative neuroscience  
Mentor: Seokheun (Sean) Choi

Anthony Sorrentino  
Chemistry  
Mentor: Susan Bane
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**CENTER OF EXCELLENCE IN SMALL SCALE SYSTEMS INTEGRATION AND PACKAGING CENTER (S$^3$IP)**

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Mentors: Paul Chiarot and Peter Huang

**Lakim Desir**  
Industrial systems engineering  
Mentor: Peter Borgesen

**Anna Hayes**  
Mentor: Jiye (James) Fang

**Zachary Lebens-Higgins**  
Physics  
Mentor: Louis Piper

**Nicole Martucci**  
Biomedical engineering  
Mentor: Gretchen Mahler

**Timothy Moon**  
Electrical engineering  
Mentor: Mark Poliks

**Rebecca Tanzer**  
Mechanical engineering  
Mentor: Bruce Murray

**Kaila Umbach**  
Electrical engineering  
Mentor: David Klotskin

**Jiaqi Zhang**  
Electrical engineering  
Mentor: Seokheun (Sean) Choi

**Sandy Zhang**  
Chemistry  
Mentor: Wayne Jones

**Joseph Visone**  
Biological sciences  
Mentor: Thomas Kulp

**Brody Wiles**  
Biological sciences  
Mentor: Dennis McGee

**Nicole Sussman**  
Biological anthropology  
Mentor: J. Koji Lum

**Maggie Todaro**  
Geology  
Mentor: Jeffrey Pietras

**Undergraduates affiliated with organized research centers/institutes for advanced studies**

**CENTER FOR ADVANCED SENSORS AND ENVIRONMENTAL SYSTEMS (CASE)**

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Electrical and computer engineering  
Mentor: Seokheun (Sean) Choi

**Weiyang Yang**  
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Mentor: Seokheun (Sean) Choi

**Xuejian Wei**  
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**Junmyung Song**  
Biochemistry  
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**Cheng Lin**  
Computer science  
Mentor: Lijun Yin

**Polina Holubovska**  
Chemistry  
Mentor: C.J. Zhong

**Yujung (Jane) Jung**  
Chemistry  
Mentor: C.J. Zhong

**Brandon Burg**  
Human development  
Mentor: C.J. Zhong

**Christian Salazar**  
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**Alice Wu**  
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**Katelynn Champagne**  
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**Teaghen Buscemi**  
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Mentor: Omowunmi Sadik

**Jessica Addolorato**  
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Mentor: Omowunmi Sadik

**Philip Sanders**  
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**Gilad Eisenberg**  
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**Apryl Jimenez**  
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**Sohaib Fasih Ahmad**  
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**Disi Chen**  
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**Samantha Fradkin**  
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**Samantha Birk**  
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**Matthew Powell**  
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**Ariel Katz**  
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**Ian Chiu**  
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**Zaheera Shabbir**  
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**Jacqueline Robins**  
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Mentor: Greg Strauss

**Karina Kowlaski**  
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**Tiffany Lu**  
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**Zachary Collins**  
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**Arianna Gorkowitz**  
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