I have spent the last several decades of my career in higher education, and I am committed to the liberal arts as a vital part of my educational philosophy. During my days as an undergraduate, graduate and doctoral student, I thoroughly enjoyed the interplay of the social sciences, humanities and natural sciences. And as a professor and administrator, I’ve embraced the value of the liberal arts and advocated for their worth to countless students and colleagues.

At Saint Joseph’s, the liberal arts are made even more powerful by the infusion of Jesuit ideals that honor experiential learning, a commitment to excellence and an obligation to the wider world.

I need to look no further than my own twin sons, both proud graduates of Saint Joseph’s University, to see the results of a strong liberal arts core. One was a philosophy major, who is now teaching in West Philadelphia. The other was a business major who’s a digital marketer in Manhattan. Despite their divergent career paths, they each speak the same language of ethics and social justice, and share a love for the arts.

Indeed, a recent report by the Association of American Colleges and Universities and the National Center for Higher Education Management Systems clearly confirms that liberal arts majors have no match when it comes to meeting employers’ expectations. And the American Academy’s Commission on the Humanities and Social Sciences published “The Heart of the Matter,” which maintains that in order to advance America in the 21st Century, the humanities and social sciences simply must be at the top of our educational priorities.

This latest issue of intellect will offer insights into the politics of hunger in Philadelphia, the education of our increasingly incarcerated youth populations, and the significance of one tiny fruit fly.

The College of Arts and Sciences at Saint Joseph’s, with its long-standing Jesuit tradition, has always understood that at the end of a solid education is a striving for more. That’s why we stand ready to advance critical thinkers and ethical citizens who will meet the challenges of the 21st Century.
Not Deserving or Entitled: Food Insecurity in Philadelphia
Nicole Katze ’11 (M.A.)

Girls Behind Bars: Education Beyond Lockdown
Amanda Sapio ’13

Dangerous Invaders: Researchers Embark on Study of Asian Fruit Fly
Patricia Allen ’13 (M.A.)

Bird-sonality: What Can Lateral Behavior Tell Us About Personality?
Kelly Welsh ’05 (M.A.)

Opening to the Past: Oral History Becomes the Aural Record
Patricia Allen ’13 (M.A.)

In an Instant: Photography as Time Machine
Nicole Katze ’11 (M.A.)

Like Father, Like Son: What the California Mouse Teaches Us About Paternal Behavior
Kelly Welsh ’05 (M.A.)
Not Deserving or Entitled: Food Insecurity in Philadelphia
A culturally rich, vibrant metropolis with distinct neighborhoods, Philadelphia is the fifth largest city in America and home to more than 1.5 million people. But in 2009, Assistant Professor of Political Science Becki Scola, Ph.D., who had just moved to the city to take a faculty position at SJU, heard a sobering statistic on the local news: One in six children living in Philadelphia goes to bed hungry every night.

“My teaching area is in race, gender and economic class inequality, and at the time, I was a little naïve about hunger issues,” says Scola, who nonetheless suspected that politics played a role in the problem. “I remember thinking, ‘That is so sad! How can hunger be a partisan issue?’”

Scola began looking into food access and advocacy, only to find that little political science research tapped into the food security movement. She was shocked that an issue in such need of policy-level solutions was so overlooked. The situation inspired her own formal research on food insecurity in Philadelphia. The resulting study, *Not Deserving or Entitled: Anti-Hunger Advocacy in Philadelphia*, was presented last fall at both the Western and Northeastern Political Science Association Conferences, and is now under review by the journal *Social Policy and Administration*.

A grant awarded to SJU’s Academy of Food Marketing in 2011 from the United States Department of Agriculture’s National Institute of Food and Agriculture Higher Education Challenge funded Scola’s research. She was assisted by three student research associates — international relations major Emily Reineberg ’14 and political science majors Kristen Harper ’14 and Shirra Preval ’13 — who transcribed 42 interviews Scola conducted with officials representing key anti-hunger organizations. Afterward, she held focus groups of community members to gain an understanding of how Philadelphians view food insecurity issues.

On the whole, the findings were disheartening. “What I discovered is that in our city, there are many organizations fighting hunger, but very few are laying the groundwork to alleviate food insecurity,” she says. “When you reduce hunger, you feed a person for a day or a week, through food banks or free meals. Reducing food insecurity is more complex, because it means finding a way to feed people for the long run. It needs to be addressed with sound public policy, and only a handful of anti-hunger programs have the luxury of pursuing advocacy efforts to help create public policy.”

Scola notes that when it comes to making lasting change, organizations are faced with the challenge of pursuing advocacy without labeling themselves politically. In Philadelphia, the partisan divide is characterized by a familiar trope: Conservatives tend to cut social programs, pleading fiscal responsibility, while liberals fight the cuts, rallying for social justice. The result is that anti-hunger groups can’t declare an allegiance to gain political support, because they risk alienating the other side. At the same time, they are forced, with limited means, to try to put resources toward long-term programming while maintaining a sustainable operating budget. To further complicate the problem, many of the leaders Scola interviewed indicated that underlying race issues affect decisions regarding the groups that receive food assistance.

“The organizations are working toward the same goal, but there’s a disconnect among them, and their individual missions keep them from sending a unified message to lawmakers, which is essential when it comes to crafting policy,” says Scola. “Overcoming the obstacles they face requires the whole anti-hunger community to come together to gain the attention they need to become a policy-level concern.”

— Nicole Katze ’11 (M.A.)
Girls Behind Bars
Education Beyond Lockdown
With the highest incarceration rate in the world, the United States has designated juvenile detention facilities as the primary method for school administrators, parents and others to regulate youth behavior. Despite the negative life outcomes that generally result for those who are institutionalized, facilities continue to emerge throughout the country. In using prisons to control youth insubordination, the U.S. has imprisoned itself in a perpetual, calamitous system that impedes societal growth, prosperity and ambition for many young people.

Suniti Sharma, Ph.D., assistant professor of education, has conducted extensive research on the literacy and education of females in prison, focusing on how race, class, gender, sexual orientation and other factors lead to incarceration. Ten years ago, she was offered a position teaching English at a female juvenile detention facility. A gifted educator who possessed more than 14 years of English teaching experience in her hometown of New Delhi, India, Sharma accepted the position and moved to the U.S. to work at the facility.

Sharma was told by the detention facility that the majority of her students were ‘trouble-makers’ and ‘delinquents’; however, she found exactly the opposite. They were well-mannered, smart and respectful — each possessing a genuine love for learning. Many had been subjected to sexual abuse (an astounding 75 percent), or domestic violence, had drug-addicted parents or were victims of circumstances entirely beyond their control.

“The students ranged in age from 10 to 26, so I had to be sensitive to the wide age gap,” explains Sharma.

There were major differences between the ethnic populations at the juvenile detention center. “The white students resisted the black staff, and the black students resisted the white staff,” says Sharma. “I was the first person hired by the facility who was not an American citizen. My students considered me an outsider — just as they were — and connected with me on a deeper level.”

In an effort to understand the racial dynamics between her students, Sharma enrolled in a multicultural class at Purdue University. At the end of the semester, her professor offered her a seat in the doctoral program, impressed with her research on insubordination. She accepted his offer, and continued researching juvenile incarceration. Her studies eventually led to her book, Girls Behind Bars: Reclaiming Education in Transformative Spaces, which details possible solutions on how to help prisoners reclaim education.

Many schools throughout the U.S. have a zero-tolerance policy. Originally implemented to curb drug abuse and arson, the policy soon became an excuse for educators to force ‘unruly’ students out of school for failing to fit the mold they require students to appropriate. They are often sent to detention facilities for relatively minor misdemeanors, such as failing to turn in homework, skipping class or cursing. Instead of attempting to understand why students behave negatively, school administrators force them out of the system. “Schools are held accountable for maintaining high test scores,” says Sharma. “Those who bring these scores down are removed.”

“Schools often fail to make students’ emotional well-being a priority. When there is a budget cut, the counseling department is the first to be eliminated.”

Suniti Sharma, Ph.D.

According to Sharma, many young people exhibit defiance because something is occurring in their lives that teachers don’t take the time to understand. “Schools often fail to make students’ emotional well-being a priority,” Sharma explains. “When there is a budget cut, the counseling department is the first to be eliminated.”

According to Sharma’s research, one out of four students in detention facilities will spend their entire lives in prison. In an effort to improve these statistics, she recently organized a literacy project where she assists students on probation with reading to determine if providing one-on-one tutoring helps them graduate on time. “Teachers, parents and others must be patient when working with students who behave poorly and attempt to understand why they act this way,” Sharma says. “It is only then that effective change will take place.”

— Amanda Sapio ’13

One out of every four students in detention facilities will spend their entire lives in prison.
Scientists think that, sometime in the 1980s, *Drosophila suzukii* arrived in Hawaii from Japan. By 2008, the Asian fruit fly had hit California, and by June 2011, had blazed a trail of destruction through the fruit farms it encountered on its journey to the Northeast. Also known as Spotted Wing Drosophila (SWD) because of the distinctive black spots on the male’s wings, SWD is bad news for agriculture in the United States. A 2009 study estimates that the invasive species caused yield losses in California ranging from negligible up to 80 percent.

SWD is related to the common fruit fly, but it harbors a menacing difference: The female’s serrated ovipositor, the organ she uses to deposit her eggs, is razor-sharp, allowing her to lay her progeny under the skins of unripened blueberries, raspberries and other soft-skin fruit. The eggs mature and the larvae develop, eating the fruit from the inside, causing it to collapse and turn to mush, which renders it inedible and vulnerable to bacterial infection.

The presence of this pest on the East Coast is of concern to New Jersey blueberry farmers, but it’s also present in Pennsylvania, where it came to the attention of three Saint Joseph’s biologists who formed a long-term collaboration to examine SWD from three perspectives: ecology, behavior and molecular biology.

“I’ve been studying the genetics and behavior of Drosophila for more than 30 years, but the situation with SWD is a rare scientific opportunity,” says Scott McRobert, Ph.D., professor of biology. “Since *D. suzukii* is an invasive agricultural pest, unlike most Drosophila species, which only lay eggs in spoiled fruit, our work is directed at finding a solution to an environmental problem.”
Surveying the Drosophila Community

In 1986, McRobert ran a survey of the Drosophila community near Saint Joseph's that found nine different species. *D. affinis* and *D. melanogaster* were most prevalent in spring and summer, and *D. immigrans* was most prevalent in the fall. McRobert and biology major Leigh Ann Tiffany ’14 replicated the study last year, which was published in *Drosophila Information Service*. According to McRobert, the findings are interesting, and troubling.

“Leigh Ann’s research is important because she found that *D. suzukii* was the most common species found throughout 2013,” McRobert says. “It wasn’t found at all in 1986.”

Now, McRobert and his associates are running a life-history analysis of SWD, which includes courtship displays, copulation rates, offspring production and re-mating frequency. He is also interested in determining offspring rates in different foods, as well as which food it finds most attractive.

Analyzing the DNA

Evolutionary biologist **John Braverman, S.J.**, assistant professor of biology, is conducting a survey of genetic variation in SWD with his group to help determine its migratory path. He and graduate student Philip Freda ’14 (M.S.) documented that SWD had arrived in Philadelphia using population genetics. Their work, which was published in *Entomological News* in 2013, established a positive identification for SWD by sequencing and studying a specific gene found in several individuals. That data is held in GenBank, a DNA database of the National Center for Biotechnology Information.

“We now want to determine what genetic variation looks like in different locations,” says Fr. Braverman. “So far, it appears there is little variation among the sites, probably due to the species’ recent arrival.”

In the meantime, Freda has reached out to blueberry farmers in South Jersey who are interested in Fr. Braverman’s group collecting flies from their fields.

“For economic motives, they, too, want to understand how SWD extends its range,” says Fr. Braverman. “The spread of SWD to the East Coast is both an interesting question in basic science, as well as important to the regional economy.”

Tagging the Flies

**Jonathan Fingerut, Ph.D.,** associate professor of biology and director of the Environmental Science and Sustainability Program, studies how insects disperse in environments. Fingerut worked with biology major Kristina Orbe ’14 who discovered how to make fruit flies glow, which is a way to tag the flies. Orbe added powdered fluorescein to their food, a non-toxic dye that glows green under blue or UV light, and the flies’ abdomens lit up several hours after feeding. This work was published in *Drosophila Information Service* in 2012.

“We want to know how SWD interacts with and moves about within the environment,” says Fingerut. “This means running release and recapture studies, so we needed a good method to tag the released flies that distinguishes them from the flies already in wild populations.”

Recently, Fingerut’s group started work on a trap and bait to test in the field. They also plan to develop mesocosms, which are enclosures containing elements that flies need to remain viable throughout the year.

“This will help us understand how SWD overwinters in Pennsylvania,” says Fingerut.

— Patricia Allen ’13 (M.A.)

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**Timeline of *D. suzukii* Discovery**

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
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<tbody>
<tr>
<td>1930</td>
<td>Northern California</td>
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<tr>
<td>2008</td>
<td>Japan</td>
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<tr>
<td>2011</td>
<td>United States</td>
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*The female SWD’s serrated ovipositor. Powdered fluorescein, a non-toxic dye that glows green under blue or UV light, illuminating the flies’ abdomens.*
Psychologist Matthew Anderson, Ph.D., admits that sheer fascination with radiant flamingos first brought him to study the birds. But through the years, his studies have revealed many practical and important findings. His research on the iconic bird has been published in several peer-reviewed journals. He is one of a few psychologists around the world who has studied flamingos, seeking answers to questions such as, “Why do flamingos stand on one leg?” and “Do the ways in which they rest their necks say something about aggression?”

Because flamingos live in remote and inhospitable places in the wild and are characteristically shy, they have historically been very difficult to study — and many basic questions about their behavior have remained unanswered.

For Anderson, who also directs the University’s animal studies program, the Philadelphia Zoo’s 17 Caribbean flamingos have been the subjects of most of his research over the last six years. In fact, it was a study of this population performed by Anderson and two SJU seniors that yielded a first in the flamingo field back in 2009. The team discovered that, when resting, Caribbean flamingos have a personal preference for curving their necks in one direction over the other. The research was published in the journal *Laterality: Asymmetries of Body, Brain and Cognition*, and went on to inform most of Anderson’s work.

“Consistent lateral preferences can provide us insight into which hemisphere of the brain is more dominant in particular situations,” says Anderson. “And the fact that most Caribbean flamingos rest with their necks curved to the right most of the time indicates that this is the norm and suggests a left hemisphere dominance. So we wondered, why does this population-level lateral preference exist, and what else might be different about the behaviors of left-leaners?”

After close observation in two separate studies, it was determined that Caribbean flamingos who curve their necks to the left are generally involved in more aggressive interactions with other members of the flock than those who prefer to neck-rest to the right (Anderson, Williams, & Bono, 2010). Individual flamingos who are more strongly pair-bonded are more likely to have similar lateral neck-resting preferences to their partners than birds that are less strongly pair-bonded (Williams & Anderson, 2012).
Anderson’s findings were intriguing and he wanted to take his research a step further. Collaborating with Philadelphia Zoo veterinarian Donna Ialeggio, D.V.M., he examined how laterality might be related to various physiological health measures. Using behavioral preferences and data collected from annual blood samples, they surmised that Caribbean flamingos who prefer to rest their necks to the right are generally healthier and less stressed than those who prefer the left.

“All of this research combined paints a compelling picture of how lateral behavior and hemispheric dominance in the brain may be related to social cohesion and can be used to make predictions about other aspects of behavior,” Anderson explains. “Given the typical contralateral control of behavior in the brain, and since the left hemisphere is thought to play a role in pro-social behavior, it makes sense that flamingos with a rightward neck-lasting preference seem to be healthier and get along better with other members of their flock.”

Anderson has also used an online flamingo webcam from the Smithsonian National Zoological Park and online weather data obtained from weather.com to examine the relationship between weather variables and the occurrence of aggressive behavior, discovering that temperature and UV-index were both positively related to the occurrence of aggression.

Next up are studies looking at whether social hierarchies form in captive Caribbean flamingo flocks and how they may relate to an individual flamingo’s health and well-being, and if forms of environmental enrichment (sprinklers, enrichment balls, etc.) affect behavior in captive flamingos.

“Understanding how behaviors might predict personality, health and well-being can give zookeepers important tools,” argues Anderson. “My research shows that we can learn things about these birds as a species and as individuals that could positively impact husbandry. We can use this information to make predictions about the health and level of social cohesion of the flock, and to possibly help identify compatible mates.”

— Kelly Welsh ’05 (M.A.)
Opening to the Past
Oral History Becomes the Aural Record

If, according to the aphorism, all history is personal, Amber Abbas, Ph.D., was attracted to the discipline of oral history for her own reasons. “I’ve always been captivated by story,” says the assistant professor of history. “As I thought about research that interested me, I was drawn to the history of the Indian subcontinent because of my desire to better know my family’s experience there. Story seemed like the logical extension, and oral history the logical method.”

At its most basic, oral history is the process of ordinary people telling their stories to an interviewer, who records and transcribes their narratives, depositing them in a library or archive. With accounts of Greek historian Herodotus collecting the stories of survivors directly after the Battle of Thermopylae, circa 480 B.C.E., it’s an ages-old practice. As a contemporary practitioner, Abbas records her subject’s voices using digital technology, saving their voices and experiences in digital archives.

In Abbas’s upper-level spring seminar, titled Oral History, Migration and the Archive, undergraduates are learning the techniques and best practices of oral historians while they immerse themselves in the experiences of South Asian Americans. By interviewing members of the diaspora originally from India, Pakistan, Bangladesh, Sri Lanka, Nepal, Bhutan and Maldives, her students will gain experience in this burgeoning field, which Abbas feels is important for any budding historian.

“I hope my students experience oral history’s significance as a research method,” Abbas says, noting that their interviews will be collected in the online South Asian American Digital Archive (saadigitalarchive.org), headquartered in Philadelphia.

While she was a graduate student at the University of Texas at Austin training as an oral historian, Abbas in 2005 started collecting her family’s memories of the Partition of India, which coincided with the end of the British occupation in August 1947. This led to the creation of the Union of India and the Dominion of Pakistan, which included East Pakistan. In 1971, East Pakistan fought for its independence from Pakistan and is now known as Bangladesh.

For many, especially those who feared violence and reprisals, Partition was a wrenching and dangerous process. It is known for creating one of history’s biggest migrations, when Muslims who lived in India fled to Pakistan and East Pakistan, and Hindus who lived in both wings of Pakistan left for India. In total, some 15 million people migrated. Roughly one million died trying.

“The Partition of India was a transformative and traumatic experience for many in the subcontinent,” says Abbas, whose family migrated to Pakistan from Aligarh, India, in 1947. “As my grandmother and the elders in my family aged, it became clear that their deaths would also mean the loss of their stories.”

Time was clearly of the essence. With one narrative leading to another, Abbas traveled first to Pakistan, then India, and finally Bangladesh, to interview more family members and other South Asians. Most of her subjects were students at Aligarh Muslim University (AMU) in the 1930s-40s. According to Abbas, AMU was a hub of pro-Pakistan activism, where students advocated and agitated for the change and votes that helped to bring about Partition.

As she met and interviewed former activists who were in their mid-70s and older, Abbas discovered that their experience was so harrowing, many had tried to put it in the past and move on. Abbas knew that her subjects’ reticence would, in a very real sense, be history’s loss, so she persevered, and in five years’ time, had collected the 70 interviews that became her dissertation. They now inform the book she is writing. When it is published, the interviews and their transcriptions will be archived in Pakistan with the Citizens Archive of Pakistan, and also at an archive in the United States.

“Oral history allows me to move away from stories about official policies and change, and move instead toward the stories of individual experience,” she says. “It provides a lens on why people act the way they do, how they experience the past, and what it means to them.”

Though Abbas interviewed people who were caught up in a time of great crisis, which is fodder for so much of the historical record, she says her work is as much about the specifics of her own project as it is about the bigger work of historical preservation.

“Oral history allows me to move away from stories about official policies and change, and move instead toward the stories of individual experience,” she says. “It provides a lens on why people act the way they do, how they experience the past, and what it means to them.”

History is personal, after all.

— Patricia Allen ’13 (M.A.)
Photography as Time Machine

Have you ever returned to a place you’ve been before and seen something, or smelled something, which made your memory of that place so concrete, it was as if you were in that moment again?

A fine arts photographer and associate professor of art, Dennis Weeks, M.F.A., plays with this concept throughout his series of large-scale, “long exposure” digital prints, as he refers to the work. In them, he combines hundreds of photographs into single compositions, effectively capturing the experiences of subjects who may not have crossed paths in real life.

“Photography is its own kind of time machine, because photos stop time,” Weeks explains. “Showing how things change over time became a fascination of mine over the years.”

Finished pieces are often large panoramas of cities and landscapes that emphasize the relationships of the people present in them. Of particular interest to Weeks is how people interact with monumental art and architecture. In “Social Conscious” (2007), a group of individuals wander by each other near Jacob Epstein’s huge bronze sculpture, “Social Consciousness,” which is located behind the Philadelphia Museum of Art. Though the commanding bronze is at the center of the photograph, the subjects in it don’t notice the imposing work; instead they are absorbed in themselves. In “Eakins Oval” (2011), people seem to acknowledge each other, but in reality, they weren’t there at the same time.

Weeks spends hours in the same spot to capture these images, shooting anything within a 360-degree arc that interests him. Then, he uses digital photo technology to construct his scene. “Many creative people don’t think technology is capable of artistry, but I think it is,” Weeks says. “I try to teach my students that, if they go out into the world with fresh eyes and a belief that they can use this digital technology well, they have the advantage.”

A former department chair, Weeks has had a deep and lasting impact at Saint Joseph’s, helping to guide a fledgling art program into the comprehensive department it is today.
as well as establishing the current digital photography program. His professional work has taken him from the United States to Canada, Italy, Ireland and France, and has been widely collected and exhibited at institutions like the Philadelphia Museum of Art, the Philadelphia Art Alliance, Silicon Gallery in New York and Wabash Gallery in Chicago. He received the Sears Roebuck Foundation Award for Education Innovation, as well as excellence in teaching awards at Saint Joseph’s.

Weeks earned his degree in English at SJU while studying photography at Temple University’s Tyler School of Art, and his M.F.A. from the School of the Art Institute of Chicago. He now works to teach his students — art majors and non-majors alike — about their potential as artists.

“I strive to give them the tools to be creative and to teach them that they have the freedom to be creative,” he says.

Weeks embraces this same spirit in his own work. While long exposures containing multiple images continue to engage him, he recently exhibited “Vasari Corridor” (2013), which is a single image, captured in a split-second. “It’s also about time,” he notes. “In this case, it’s the juxtaposition of elements that take place in an instant: A woman glances at a bicyclist while he’s talking on his mobile phone and speeding past the Vasari Corridor that connects the Uffizi Gallery and the Palazzo Vecchio, in Florence, Italy.”

For Weeks, so much life was contained in that one moment, his only choice was to commit its memory to the time machine.

— Nicole Katze ’11 (M.A.)

“Social Conscious” (2007)
Like Father, Like Son

What the California Mouse Teaches Us About Paternal Behavior
Few species of mammals — only about five percent — are bi-parental, with both males and females showing high levels of care to their offspring. The California mouse (Peromyscus californicus) is among these rare species and has attracted the attention of behavioral neuroendocrinologist Elizabeth Becker, Ph.D., who’s kind of a rare breed herself. Behavioral neuroendocrinology is a rather specialized field, with few active researchers. Dating back to her doctoral studies, Becker’s research looks at neural and hormonal mechanisms underlying the development of social behavior in animals and humans.

“My training in neurobiology and psychology has led me to explore the complex questions of the nature versus nurture debate: How much of our behavior is determined by genetics, and how much by our upbringing?” asks Becker. “I’m particularly interested in the ways in which our social interactions can change our biology.”

Becker’s research looks at the California mouse to explain parental effects on development of the offspring brain. While many studies have shown that mother-offspring interactions from infancy help to shape brain and behavior, with paternal care being rare in mammals, the role of fathers has been understudied. The goal of Becker’s research is to clarify the importance of dads in early-life interactions.

“Simply put, since we know that mothers can influence behavior, my studies examine how, through changes in the brain and hormones, fathers and their style of parenting affect their offsprings’ — more specifically, their male offsprings’ — behavior into adulthood,” explains Becker.

Becker and her team of student researchers have performed a number of studies examining the influence of paternal retrievals (a behavior that involves fathers grasping their pups by the scruff of the neck and carrying them back to the nest) on offspring development. This set of studies focuses on fathers, because in the wild their presence is related to survivorship, and retrievals, because they hypothesize that retrievals protect the offspring from dangers outside of the nest.

Lab studies have allowed Becker and her team to manipulate the number of retrievals an offspring experiences and examine changes in brain, hormones and behavior. They’ve found that male pups who are retrieved more often by their fathers, have an increase in the hormone testosterone, leading these pups to be more aggressive and better parents as adults. The result is important for the California mice because males may need to be aggressive to protect their territory, offspring and mates in the wild. Further, in a recent study, Becker has shown that males who receive high levels of care from their fathers also show high levels of care toward their own offspring.

“Understanding that parental behavior is linked to the care one receives early in life has important societal implications,” says Becker. “It should give hope to adoptive parents that the love they give their children will significantly influence who they become as adults. Research of this nature will also help us understand the biological mechanisms underlying the cycle of abuse that is repeated when children are victims.”

Currently in the Becker lab, they are examining the mice’s brains to determine whether changes in receptor expression underlie the development of paternal behavior and aggression. They suspect the answer lies in the brain because research between mothers and daughters indicates that this is so.

“We know so much about mothering and the role it plays in shaping the brain, but mammals like the California mouse can teach us how fathers factor in,” says Becker. 

— Kelly Welsh ’05 (M.A.)
Not Deserving or Entitled
Becky Scola, Ph.D.
Assistant Professor of Political Science
Ph.D., University of California, Irvine

Girls Behind Bars
Suniti Sharma, Ph.D.
Assistant Professor of Education
Ph.D., Purdue University

Dangerous Invaders
Scott McRobert, Ph.D.
Professor of Biology
Ph.D., Temple University

John Braverman, S.J.
Assistant Professor of Biology
Ph.D., University of California, Davis

Jonathan Fingerut, Ph.D.
Associate Professor of Biology
Director, Environmental Science and Sustainability
Ph.D., University of California, Los Angeles

Bird-sonality
Mathew A. Anderson, Ph.D.
Associate Professor of Psychology
Ph.D., Kent State University

Opening to the Past
Amber Abbas, Ph.D.
Assistant Professor of History
Ph.D., University of Texas, Austin

In an Instant
Dennis Weeks, M.F.A.
Associate Professor of Art
M.F.A., School of the Art Institute of Chicago

Like Father, Like Son
Elizabeth Becker, Ph.D.
Assistant Professor of Psychology
Ph.D., University of Wisconsin, Madison
SJU Announces New CA&S Dean

Amanda McCombs Thomas, Ph.D., a psychologist and administrator from Loyola University Maryland, has been named dean of the College of Arts and Sciences, effective July 1.

Thomas has held a number of administrative positions at Loyola since 1999, including associate chair and chair of the psychology department; associate dean of the College of Arts and Sciences; and most recently associate vice president for graduate studies. A licensed psychologist, Thomas’ research interests lie in family and childhood psychology.

“I am excited to work together with those in Saint Joseph’s College of Arts and Sciences and throughout the University on our shared academic goals, steeped in the rich tradition of Jesuit education,” says Thomas.

Thomas holds a bachelor’s degree from the College of William and Mary, and master’s and doctoral degrees from the University of Georgia.

“Dr. Thomas will join a College of Arts and Sciences poised to meet the changing demands on higher education,” says University President C. Kevin Gillespie, S.J. ’72. “I’m confident in her ability to lead curricular innovation and strengthen academic excellence.”

New Programs Added to the College of Arts and Sciences

The College of Arts and Sciences has significantly expanded its educational reach with these new offerings.

NEW MAJORS
- B.S. in autism behavioral studies
- B.A. in biology
- B.S. in information science
- B.A. in linguistics
- B.S. in secondary education

NEW MINORS
- art history
- animal studies
- behavioral neuroscience
- creative writing
- justice and ethics
- Teaching English to Speakers of Other Languages (TESOL)

Chemist Awarded ACS Petroleum Research Fund Grant

Peter Graham, Ph.D., assistant professor of chemistry, was awarded a $65,000 grant from the American Chemical Society Petroleum Research Fund, which supports fossil fuel research at institutions in the United States and other countries. The award will support his research that analyzes methods of developing new catalysts for carbon dioxide utilization.

“Dr. Graham’s work has broad implications because it could decrease our reliance on petroleum raw materials while also taking excess carbon dioxide out of the atmosphere,” says Mark Forman, Ph.D., chair and professor of chemistry.

Prior to the Industrial Revolution, carbon concentration was relatively constant in the atmosphere, according to Graham. As a result of our reliance on fossil fuels, carbon dioxide concentrations in the atmosphere have almost doubled.

“It’s important for researchers to gain an understanding of how metal complexes interact with carbon dioxide to help develop new catalysts that will make its utilization possible,” says Graham.
Grants and Contracts Affirm SJU’s Commitment to Early Childhood Education

Saint Joseph’s University’s Early Childhood Development and Education Laboratory (ECDEL) was awarded substantial contracts to continue research and training in early education, and embark on a new endeavor with Please Touch Museum, the Children’s Museum of Philadelphia.

“The activities of the ECDEL continue to advance the status of Saint Joseph’s as a premier Jesuit institution deeply committed to early childhood development and education,” says John Vacca, Ph.D., associate dean for education.

Armed with $30K over the next three years, the ECDEL will evaluate an interactive mobile communications application (Start School Smart) and website for Please Touch Museum to support families through the kindergarten transition years, offering them a user-friendly interface and access to resources available in the region and online.

A $122K contract from the United Way’s Success by 6 Program, a longtime partner of SJU, will further the ECDEL’s work to improve the level of education provided at childcare centers throughout the region by training early childhood educators. For the fifth consecutive year, the United Way has also continued to support the Institute for Family Professionals, which, through SJU, provides courses that help prepare early childhood educators and professionals to help children deal with trauma. SJU has provided these courses for the last three years, and with the United Way’s support of nearly $60K, will continue to do so.

PNC Bank’s Grow Up Great Program has provided a $30K contract to the ECDEL for the launch of a new three-credit course focusing solely on infant and toddler development and early care. Teachers will participate in class at SJU and work with a technical consultant from the Delaware Valley Association for the Education of Young Children in their own infant/toddler classrooms.

Did You Know?

SJU is partnering with several colleges and universities around the country to help teachers obtain a Michigan deaf and hard of hearing (DHH) endorsement online. The Deaf and Hard of Hearing Consortium for Teacher Preparation was created by the Michigan Department of Education, Office of Special Education, in response to a shortage of DHH endorsement programs in Michigan.

Students and Faculty Dig into the Archives

Last semester, Jeffrey Hyson, Ph.D., assistant professor of history, and Randall Miller, Ph.D., professor of history, featured an innovative pilot program called Students and Faculty in the Archives (SAFA) in two different history courses. Started by the Brooklyn Historical Society and originally funded by a grant from the U.S. Department of Education, SAFA gave SJU students the opportunity to conduct direct research in historical archives at the Historical Society of Pennsylvania (HSP).

While Miller’s History of the U.S. class delved into historical Civil War documents, Hyson’s Forging the Modern World students researched the Centennial Exhibition, held in Philadelphia in 1876. Hyson, Miller and now other history faculty plan to use the SAFA program in future classes.

“The visit to the HSP allowed students to appreciate the tangible reality of the past, in the form of maps, cartoons, photographs and scrapbooks from the exhibition,” says Hyson. “They also learned about the challenges and opportunities of studying archival material, which, in large part, entails figuring out how to interpret it.”

Sophomores Allison Darhun and Darcey Paulding encountered original letters from Albert Henry Frost, a farm boy who enlisted in the Union Army in June 1861 and was killed in action at Gettysburg. “It was so interesting to hold the letters in my hand,” says Darhun. “It’s one thing to view scans of them online, but to actually see the letters is a whole different experience.”
Ancient Heroes Inspire Modern Comics

Carl Cardozo ’15, ancient studies and history double major, was one of four undergraduate students selected via blind submission to present a research paper at the annual meeting of the Classical Association of the Atlantic States (CAAS) in Philadelphia last fall. The third largest association for classicists in the country, CAAS seeks to strengthen research, teaching and public support of ancient Greek and Roman culture.

Cardozo’s paper, “The Postmodern Amphora: Examining Greek Drama and Myth through the Graphic Novel,” is focused on an area of classics called reception, which refers to how classical antiquity is perceived in the modern era. His thesis explores the monomyth, or hero’s journey, which posits that there is a universally applicable pattern found in all heroic stories, regardless of culture or time period.

“I looked at modern adaptations of Greco-Roman heroes such as Hercules, as well as characters inspired by Greek myth, like Wonder Woman, whose narrative is rooted in the mythological Amazons, a race of female warriors,” says Cardozo.

“Carl’s paper demonstrates the pervasiveness of ancient Greek culture and its importance in all modern subject matters, including comic books,” says Konstantinos P. Nikoloutsos, Ph.D., assistant professor of Latin studies and director of the ancient studies program.

Grad ODL Receives High Ranking

TheBestSchools.org recently acknowledged Saint Joseph’s Online Master's of Science in Organization Development and Leadership (MODL) as one of the top programs in the country in its category. The program was recognized for academic excellence, course offerings and return on investment. SJU ranked fifth out of 20 schools highlighted.

“We worked hard to develop a program that is distinctive in the online realm, using a unique experiential learning methodology that is designed for students to immediately apply what they learn to their work environments,” says program director Felice Tiliin, Ph.D.

SJU’s 36-credit-hour MODL program combines online courses and facilitative leadership clinics along with other meetings with professors and classmates; most of the students are adult professionals who work full-time. In two years or less, candidates graduate with a certificate or master’s degree, along with the understanding and ability to initiate change and be a leader within their organizations.

Associate Dean of Huzhou University in China Conducts Research at SJU

Benjamin Liebman, Ph.D., associate professor and chair of economics, has researched the steel industry and its impact on world trade for more than 10 years. Part of his focus is on China — the top producer and consumer of coal — and the export tariffs China formerly placed on metallurgical coke, a coal derivative and key ingredient used to make steel.

“Many countries have complained about steel subsidies implemented by the Chinese government,” says Liebman. “Export tariffs on metallurgical coke helped to keep the material abundant for Chinese steel companies, which in turn kept production costs lower for those companies, and perhaps created an uneven playing field in the global steel industry.”

Yongfeng Cao, Ph.D., associate dean at Huzhou University in Zejiang, China, read Liebman’s research and was intrigued by his findings. Cao came to SJU on sabbatical to conduct further research with Liebman during the fall 2013 semester.

Cao and Liebman originally theorized that, if China removed tariffs on metallurgical coke, the coal industry would become a more level playing field for other countries. According to their research, however, no changes have been made since the World Trade Organization ruling took place, leading them to believe that various other factors have contributed to China becoming a leader in the steel industry.

In addition to his research, Cao has also spent time studying the English language and American culture. He and David Carpenter, Ph.D., associate professor of theology and director of Asian studies, practiced their language skills together throughout the semester.

Cao is interested in establishing a connection between international business and economics students at SJU and Huzhou University in China through an exchange program. He has observed many of Liebman’s international trade classes and is intrigued by the collaborative atmosphere, especially because the environment is more formal in Chinese classrooms.
Chemistry Majors Design Candy for Dylan’s Candy Bar

Founded in 2001 by Dylan Lauren, daughter of designer Ralph Lauren, Dylan’s Candy Bar is a candy supplier as well as a chain of boutique candy shops. For years, a Canadian supplier produced Clodhoppers, one of Dylan’s popular treats. When the company discontinued its production, Dylan’s decided to develop their own version of Clodhoppers.

SJU chemistry majors took on this project in fall of 2012 under the direction of adjunct professor of food chemistry and dietician Terry Crosson, who enlisted the help of Allyson Langley ’15, April Savarese ’15, Casey Adams ’15, Alaina Stockhausen ’13 and Dana Krajcksik ’13. The goal was to reverse engineer the original Clodhopper recipe, a fudge-covered cluster of graham wafers.

The team fashioned a makeshift kitchen in a lab and used the freezer two floors below for storage, which Crosson realized was inefficient, leading her to invite the team to test recipes and bake samples in her home. Believing they were close to the final recipe, they sent samples to Dylan’s, who responded that their product was “too good.” “They wanted as similar a taste to the [original] Clodhoppers as possible,” says Crosson. Despite the setback, the team persevered, focusing on texture, sweetness and balancing ingredients.

The students presented the final batch in New York last May to Dylan’s executives, who are evaluating whether or not the SJU version of the Clodhopper will make its way to store shelves.

SJU Students Earn Scholarships, Exceptional Study Opportunities

Shannon Spencer, a senior biology major/chemistry minor, was named a 2013 Barry Goldwater Scholar. Established by Congress in 1986 to honor the late Senator Barry M. Goldwater, the program provides scholarships for up to $7,500 to distinguished undergraduate students majoring in science, math and engineering. After graduation, Spencer plans to pursue an M.D./Ph.D., and hopes to focus on molecular biology research, an area of interest sparked by her grandfather’s battle with cancer and demise from age-related illness.

The Saint Andrew’s Society of Philadelphia awarded junior Emily Miller the Cmdr. George C. McFarland Scholarship, granting her $20,000 to study at the University of Edinburgh in Scotland. This award marks the fourth consecutive year an SJU student received the honor. “Edinburgh is home to both the National Library of Scotland and the oldest English department in the U.K.,” says Miller, an English and communication studies double major and gender studies minor. “These resources will help me tailor my study to my honors thesis, which will focus on gender and sexuality in literature.”

Jennifer Cush ‘13, a French major and secondary education minor, is participating in the Teaching Assistant Program in France for the 2013-2014 academic year. The program offers aspiring teachers the opportunity to work in France teaching English to French students.

During her sophomore year at Saint Joseph’s, Cush spent six months in Poitiers, France, through Middlebury College’s study abroad program. The language-intensive program required her to sign a contract agreeing to speak, read and write solely in French during her time overseas.
Communication Studies Adds High-Tech, Collaborative Classroom

During summer 2013, the communication studies faculty and staff redesigned a classroom into a dynamic collaborative learning space, complete with digital monitors, an advanced audio system and file-sharing software.

“Saint Joseph’s is among the leaders in our region in creating collaborative learning environments,” says Aimée Knight, Ph.D., assistant professor of communication studies. “Having a resource this advanced will help students apply the concepts they learn in class to real-life contexts.”

painting as spectator sport: student competes in artbattles u

When Sequoia Collier-Hezel ’15 heard about ArtBattles U, a New York organization that gives college students the opportunity to show off their artistic talents in a public setting, he immediately applied to enter the competition. ArtBattles U pits four artist-students against each other in a live art battle as they create original pieces in front of an audience.

“Sequoia was on fire about it,” says his mentor Stephen Cope, M.F.A., assistant professor of art. The junior art major’s passion paid off. Chosen as one of the four Philadelphia-area “combatants” from among a dozen other college students, Collier-Hezel competed in front of 200 people at Underground Arts last fall, placing second in the competition and receiving a cash award. His illustration, which was based on “The Great Wave off Kanagawa,” the famous 19th century color woodcut by Hokusai, will also be produced as a T-shirt and iPhone and iPad skins.

“For me, making art is usually a very slow, solitary, and introspective process,” says Collier-Hezel. But during the competition, I got so much energy from the crowd, which kept me going through two very intense 45-minute work sessions.”

Cope says, “Sequoia creates imaginative and wickedly open narratives, and his images have great visual impact, as traditional aspects are challenged by graphic cartoon inserts.”

course brings students into the world of “the wire”

This spring, students examined sociological texts and participated in volunteer experiences in Philadelphia using David Simon’s acclaimed HBO television series, “The Wire,” as a backdrop.

For Maria Kefalas, Ph.D., professor of sociology, the series provides a good framework to talk about complex social issues. “The great thing about ‘The Wire’ is that it holds a mirror up to urban life,” Kefalas says.

For the first time, Kefalas’s course, “The Wire: Crime, Community and Urban Inequality,” is requiring students to spend three hours a week volunteering in city programs that provide economic, housing and social support.

Also a first for the course, Charley Scalies ’62, an actor who appeared in the show’s second season as Thomas “Horseface” Pakusa, a union dock worker, and Rafael Álvarez, a former Baltimore Sun reporter and staff writer on “The Wire,” visited SJU in February to share their experiences with students.
Faculty Books

Matthew A. Anderson, Ph.D., associate professor of psychology, *Pink Flamingos All Around* (Speckled Egg Press, 2013).


Konstantinos P. Nikoloutsos, Ph.D., assistant professor of classics and director of ancient studies, *Ancient Greek Women in Film* (Oxford University Press, 2013).

Katie Oxx, Ph.D., assistant professor of theology and religious studies, *Understanding the Qur’anic Miracle Stories in the Modern Age* (Penn State University Press, 2013).


Jason Powell, D.Phil., assistant professor of English and co-director of Medieval, Renaissance and Reformation studies, with William T. Rossiter, eds. *Authority and Diplomacy from Dante to Shakespeare* (Ashgate, 2013).


Isra Yazicioglu, Ph.D., assistant professor of theology and religious studies, *Understanding the Qur’anic Miracle Stories in the Modern Age* (Penn State University Press, 2013).

Journal Highlights


Matthew A. Anderson, Ph.D., associate professor of psychology, *Avian Biology Research; Psicologica*.

Carolyn L. Berenato, Ph.D., assistant professor and director of graduate special education, *Scholar-Practitioner Quarterly*.

Cynthia Biggs El, Ed.D., visiting assistant professor and director of graduate teacher education, *Scholar-Practitioner Quarterly*.

John Braverman, S.J., assistant professor of biology, *Drosophila Information Service; Entomological News*.

James F. Caccamo, Ph.D., associate professor of theology and religious studies, *Liturgy*.

José F. Cerda, Ph.D., assistant professor of chemistry, *Analytical Biochemistry; Electrochemistry Communications; Inorganic Chemistry*.


Susan Clampet-Lundquist, Ph.D., associate professor of sociology, *Journal of Adolescent Research*.

Peter Clark, S.J. ’75, professor of theology and religious studies and health administration; director of the Institute of Catholic Bioethics, *Medical Science Monitor; Internet Journal of Catholic Bioethics; Journal of Health*.

Christopher W. Close, Ph.D., assistant professor of history, *Archive for Reformation History*.

Nanette Cooperman, Ed.D., assistant professor of special education, *National Teacher Education Journal*.


Sabrina DeTurk, Ph.D., associate dean and executive director of graduate arts and sciences, *The International Journal of Social, Political and Community Agendas in the Arts*.


Janine Firmender, Ph.D., assistant professor of education, *Gifted Child Quarterly; Journal for Research in Mathematics Education; Teaching for High Potential*.

Brian M. Forster, Ph.D., lab coordinator, general education program — natural sciences, *Microbiology*.

Kazuya Fukuoka, Ph.D., assistant professor of political science and director of international relations, *Asian Politics & Policy*.

Terrance Furin, Ph.D., coordinator of international educational programs, *Scholar-Practitioner Quarterly*.

Ann E. Green, Ph.D., professor of English, *The Intima*. 
Heather Hurst, Ph.D., adjunct professor of organization development and leadership, *English Journal.*

Christopher E. Kelly, Ph.D., assistant professor of sociology and criminal justice, *Psychology, Public Policy, and Law.*

Altther Lazar, Ph.D., professor of education, *Urban Review.*


Deborah Lurie, Ph.D., associate professor of mathematics and director of actuarial science, *Journal of Positive Psychology.*

Scott McRobert, Ph.D., professor of biology, *Advances in Zoological Research; Current Zoology; Drosophila Information Service.*

Jodi A. Mindell, Ph.D., professor of psychology and director of graduate psychology, *BMC Research Notes; Children’s Health Care; Journal of Pediatrics and Child Health; Sleep; Sleep Medicine.*

Nina Nilsson, Ph.D., associate professor of education, *Reading & Writing Quarterly.*

Suniti Sharma, Ph.D., assistant professor of political science, *State Politics & Policy Quarterly.*


Becki Scola, Ph.D., assistant professor of political science, *State Politics & Policy Quarterly.*

Dominique G. Ruggieri, Ph.D., assistant professor of health services, *Journal of Health Communication.*


Aimee LaPointe Terosky, Ph.D., assistant professor of educational leadership, *Educational Administrator Quarterly: Scholar-Practitioner Quarterly.*


Aubrey Wang, Ph.D., assistant professor of education, *Contemporary Educational Psychology; International Journal of Educational Management; Scholar-Practitioner Quarterly.*


Isra Yazicioglu, Ph.D., assistant professor of theology and religious studies, *Theology and Science.*

### Concerts, Exhibits, Film Festivals, Recitals and Recordings


**Emily Hage, Ph.D.,** assistant professor of art, “LOOK! Contemporary Art and Social Justice in Philadelphia,” curator, SJU Gallery (Merion Station, Pa.).

**April Lindner, Ph.D.,** professor of English, *Poetry Take Out, Frostburg Center for Creative Writing (Frostburg, Md.).*


**Matthew Schreibels, Ph.D.,** visiting assistant professor of music, theatre and film, *Journeys, Sonata for Clarinet (Aspen, Co.); Kinetic Attractions (New York, N.Y.); Four Sijo, In Search of Planet X, Wildflowers (Philadelphia); Celebrations (Seoul, South Korea).*

**Suzanne Sorkin, Ph.D.,** associate professor and chair of music, theatre and film, SWEPT, (New York, N.Y.), *Toward the Other Shore, (College of Wooster, the University of Iowa, Denison University and Ohio State University).*

**Lauren Wolkstein, M.F.A.,** visiting assistant professor of music, theatre and film, *Social Butterfly, South by Southwest Film Festival (Austin, Texas); Sundance Film Festival (Park City, Utah).*
CA&S Newsmakers

College of Arts and Sciences faculty have contributed their expertise to stories appearing in the following outlets:

Alegemeiner Journal
American Magazine
American Jewish Committee Online
Associated Press
Bucks County Courier Times (Levittown, Pa.)
The Bulletin (Bend, Ore.)
C-SPAN
Canada Free Press
Care2
CBC Radio (Canada)
China-US Focus
The Chris Matthews Show – MSNBC
The Chronicle of Higher Education
City Suburban News (Bala Cynwyd, Pa.)
Click on Detroit
CNN.com
Contra Costa Times (Walnut Creek, Calif.)
The Daily Page
Delaware County Daily Times (Primos, Pa.)
Disney Cruise Lines
East Valley Tribune (Tempe, Ariz.)
The Evening Tribune, (Hornell, N.Y.)
Global Post
Health & Medicine Weekly
Health and Medicine Week
The Huffington Post
Independent Catholic News
Infection Control Today
Inside Higher Ed
Jewish Exponent (Philadelphia)
Jewish News and Israel News
Kewl Blog
KYW-AM (Philadelphia)
KYW-TV (Philadelphia)

La Razon (Madrid, Spain)
LiveScience
Los Angeles Review of Books
Main Line Suburban Life (Bryn Mawr, Pa.)
Main Street
Milwaukee Journal-Sentinel
Morris NewsBee (Bernardsville, N.J.)
Mother Nature Network
NBC Nightly News
NBCNews.com (National)
New Straits Times (Malaysia)
The New York Times
NewsRx
Oregon Herald
Philadelphia Daily News
Philadelphia Inquirer
Philadelphia Weekly
Philly.com
Pittsburgh Post-Gazette
Religion News Service
Reuters
Sacramento Bee
San Francisco Business Times
San Jose Mercury News
Science Daily
Semana (Colombia)
Sirius Dr. Radio
Slate
Standard Speaker (Hazleton, Pa.)
NPR “Talk of the Nation”
The Tidings
The Times Literary Supplement
The Times of Israel
Think Progress
Tribune-Democrat (Johnstown, Pa.)
United Press International
USA Today
The Wall Street Journal
Washington Business Journal
The Washington Times
WCAU-TV (News) “@Issue”
WFMZ-TV (Allentown, Pa.)
The Why Files
WHYY-FM “The Pulse”
“You Bet Your Garden” “Newsworks”
Wilmington News Journal (Del.)
Wisconsin Public Radio
World News Network
WPHL-TV (Philadelphia)
WPSG-TV (Philadelphia)
WPVI-TV (Philadelphia)
Yahoo! News

Faculty who have been seen and heard in the news include:

Matthew Anderson, Ph.D.
Lisa Baglione, Ph.D.
Elizabeth Bloch-Smith, Ph.D.
Jeanne Bracey
John Braverman, S.J.
Keith Brown, Ph.D.
James Caccamo, Ph.D.
James Carter, Ph.D.
Peter Clark, S.J.
Tom Coyne, M.F.A.
Philip Cunningham, Ph.D.
Tenaya Darlington, M.F.A.
Joseph Feeney, S.J.
Sandra Fillebrown, Ph.D.
Nancy Fox, Ph.D.
Joseph Godfrey, S.J.
Ann E. Green, Ph.D.
Eileen Grogan, Ph.D.
Jeffrey Hyson, Ph.D.
Anthony James Joes, Ph.D.
Daniel Joyce, S.J.
Maria Kefalas, Ph.D.
Allen Kerkeslager, Ph.D.
Francis Graham Lee, Ph.D.
Alison Williams Lewin, Ph.D.
William Madges, Ph.D.
Michael McCann, Ph.D.
Randall Miller, Ph.D.
Jodi Mindell, Ph.D.
Katie Oxx, Ph.D.
Paul Patterson, Ph.D.
Daniel Reimold, Ph.D.
M. Michelle Rowe, Ph.D.
Philip Schatz, Ph.D.
Katherine A. S. Sibley, Ph.D.
Alexander Skolnick, Ph.D.
Karen Snetselaar, Ph.D.
Suzanne Sorkin, Ph.D.
Clint Springer, Ph.D.
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INTERIM DEAN
Jeanne F. Brady, Ph.D.

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Nancy Fox, Ph.D. – Social Sciences
Michael McCann '87, Ph.D. – Natural Sciences, Mathematics and Computer Science
John Vacca, Ph.D. – Education
ACTUARIAL SCIENCE, Director
Deborah Lurie

AEROSPACE STUDIES (AFROTC), Director
Lt. Col. James Turnbull

AFRICANA STUDIES, Director
Aisha Lockridge

AMERICAN STUDIES, Director
Jeffrey Hyson

ANCIENT STUDIES, MODERN & CLASSICAL LANGUAGES, Director
Konstantinos Nikoloutsos

ANIMAL STUDIES, Director
Matthew Anderson

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Dennis McNally, S.J.

ASIAN STUDIES, Director
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CRIMINAL JUSTICE, Director
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ENGLISH, Chair
Peter Norberg

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY, Director
Jonathan Fingerut

EUROPEAN STUDIES, Director
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Mark Aita, S.J., M.D.

INTERDISCIPLINARY HEALTH SERVICES, Director
Ilene Warner-Maron

INTERNATIONAL RELATIONS, Director
Kazuya Fukuoka

LATIN AMERICAN STUDIES, Director
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MATHEMATICS, Chair
Sam Smith

MEDIEVAL/RENAISSANCE/REFORMATION STUDIES, Co-Directors
Jason Powell, D.Phil., and Paul Patterson

MODERN AND CLASSICAL LANGUAGES, Chair
Robert Daniel

MUSIC, THEATRE AND FILM, Chair
Suzanne Sorkin

MUSIC INDUSTRY, Co-Director
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James Watrous

COMPUTER SCIENCE, Director
George Grevera

CRIMINAL JUSTICE & PUBLIC SAFETY INSTITUTE, Director
Cheralynn Ewing, M.A., L.P.C.

ED.D. IN EDUCATIONAL LEADERSHIP, Director
Ray Horn

EDUCATIONAL LEADERSHIP, Director
Weena Gaulin

GERONTOLOGICAL SERVICES, Director
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Louis Hovarth

MATH EDUCATION, Director
Agnes Rash

ONLINE ACCELERATED TEACHER CERTIFICATION (OATCERT), Director, Ed Rovine, M.Ed.

PSYCHOLOGY, Director
Jodi Mindell

SPECIAL EDUCATION, Director
Carolyn Berenato, Ed.D.

ONLINE SPECIAL EDUCATION, Director
Samuel Slike, Ed.D.

READING SPECIALIST
Althier Lazar

ORGANIZATION DEVELOPMENT AND LEADERSHIP, Director
Felix Tilin

TEACHER EDUCATION, Director
Cynthia Biggs El

WRITING STUDIES, Director
Tenaya Darlington