In the day-to-day business of the academic year, we are often focused on the immediate deadline and on to the next project—as students, faculty and administrators. Seldom do we pause and reflect on the accomplishments of the past year and the many individuals, pieces and contributions that made it all possible. In developing this annual report, it has been extremely satisfying to be reminded of the students’ lives who have been touched, and humbling to consider the privilege and responsibility of working with graduate students to help them succeed at Wayne State. I am encouraged by the Graduate School’s accomplishments in data collection and diversity initiatives, and our investment in understanding and improving Ph.D. outcomes as we prepare our students for multiple career pathways.

Please join me in recognizing the inspiring students and dedicated work of the Graduate School of the past academic year, even as we press forward into the next.

Ambika Mathur, Ph.D.

Dean of the Graduate School and Associate Provost
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Wayne State University Graduate School provides leadership in advancing academic excellence in graduate and postdoctoral education and cultivates a supportive environment for research, scholarly activities and other creative endeavors that are integral to the success of a diverse body of master’s and doctoral students, postdoctoral scholars, and graduate faculty across programs.
We will create and advance knowledge, prepare a diverse student body to thrive, and positively impact local and global communities.

WAYNE STATE UNIVERSITY MISSION

ACADEMIC AFFAIRS
Oversee academic standards and rigor, and accuracy of information in the Graduate Bulletin.

BUSINESS OPERATIONS
Administration of approximately $16 million in graduate awards to support our diverse graduate students and faculty.

RESEARCH TRAINING AND PROFESSIONAL DEVELOPMENT
Ensure that our students receive the best training and skill sets to complement scholarly work in order to have the greatest opportunity to excel in careers post-graduation.

STUDENT SUCCESS SERVICES
Support student success from recruitment and retention through completion and alumni engagement.

RESEARCH ON BEST PRACTICES AND DATA TRACKING
Research and implement best practices in graduate education to best support our students and faculty.
RESPONSIBLE CONDUCT OF RESEARCH (RCR) TRAINING IMPLEMENTED FOR ALL PH.D. STUDENTS AND POSTDOCTORAL SCHOLARS

FALL 2016

This institution-wide comprehensive program provides training in ethical research practices for Ph.D. students and postdoctoral scholars. The program is mandatory for all new Ph.D. students and strongly encouraged for postdoctoral scholars. In accordance with the Higher Learning Commission’s Integrity training requirements, the Graduate School has developed this program to work with the individual departments to provide comprehensive training in responsible conduct of research practices. While the basis of integrity training rests largely with the research mentor, the Graduate School’s goal is to assist the mentor by providing training in the core aspects of RCR. Successful participants also receive a digital badge to share their skills and experience with colleagues and employers online as part of the Graduate School’s new micro-credentialing initiative.

COMPETENCY BASED MICRO-CREDENTIALING INITIATIVE LAUNCHED

WINTER 2017

Our Graduate and Postdoctoral Professional Development (GPPD) seminar series covers a range of topics that are of interest to trainees including abstract writing, job search skills and poster presentation. This annual series is organized by nationally recognized core competencies and provides opportunities for micro-credentialing to highlight skills and experiences that can be less visible on transcripts and standard job applications.
GRADUATE SCHOOL DEAN, AMBIKA MATHUR, RECEIVES WAYNE WOMEN LEAD WOMAN OF DISTINCTION AWARD

WINTER 2017

The Graduate School is proud to announce that Dean Ambika Mathur, Ph.D., was the 2017 recipient of the Wayne Women LEAD Woman of Distinction Award. Dean Mathur was honored in a public awards reception on Thursday, April 20, 2017. This event was hosted by the Wayne State University President’s Commission on the Status of Women (COSW) and Wayne Women LEAD, and also honored students and an alumna who have made significant contributions to women.

POSTDOCTORAL TO FACULTY TRANSITION (PFT) FELLOWSHIP LAUNCH

SPRING/SUMMER 2017

The Postdoctoral to Faculty Transition Fellowship program (PFT) is a new initiative from the Office of Scientific Training, Workforce Development and Diversity (STWD), in the Office of the Provost, that seeks to create a pipeline of early career, urban disparity scholars who will contribute to diversity and bolster academic excellence in keeping with Wayne State’s mission and strategic plan. The program provides fellows with the resources and support needed to make them competitive candidates for tenure-track faculty appointments. In addition to working closely with their mentors, fellows will participate in learning communities and complete a set of program milestones. Fellows who meet other program milestones are eligible for Wayne State tenure-track appointments upon successful completion of their appointment. In turn, faculty mentors will guide fellows in planning and achieving research goals, establishing a visible presence in the department, and facilitating opportunities for fellows to participate in national and international research conferences.

The program will be managed by Graduate School Associate Dean for Professional Development, Todd Leff, who is also a professor of pathology in the School of Medicine. In this role Leff will organize and manage the PFT activities, including professional development programs as well as grant writing and management training. In addition, Leff will oversee the general progress of each of the fellows as they progress through the program.

The PFT is part of the broader STWD initiative, which seeks to engage people from diverse backgrounds and help them succeed in science, technology, engineering, mathematics and medicine. The STWD positions Wayne State as hub for training programs through use of a training continuum model to drive the pipeline from K-12, undergraduate and post-doctorate to early career faculty.
WAYNE STATE AMONG 15 UNIVERSITIES NATIONWIDE SELECTED TO GATHER DATA ABOUT PH.D. CAREER PATHWAYS

SPRING/SUMMER 2017

Wayne State University was selected by the Council of Graduate Schools (CGS) to participate in a collective effort to gather and use data about the careers of Ph.D. students and alumni. Along with 15 other institutions/consortia WSU will receive an $80,000 grant from the National Science Foundation and the Andrew W. Mellon Foundation to support data collection about Ph.D. careers in STEM and humanities fields.

LONG-TIME WAYNE STATE UNIVERSITY LEADERS SUPPORT GRADUATE EDUCATION THROUGH PHILANTHROPIC GIFT

SPRING/SUMMER 2017

Dr. Ambika Mathur, Dean of the Graduate School, and her husband Dr. Deepak Kamat, Professor of Pediatrics and Vice Chair for Education for the Department of Pediatrics at Wayne State University School of Medicine, established the Ambika Mathur, Ph.D. and Deepak Kamat, M.D., Ph.D. Endowed Scholarship to support the Wayne State University Graduate School. The funds will provide opportunities for Wayne State University students to continue to pursue academic excellence through Ph.D. graduate programs.

INNOVATIVE NEW GRADUATE PROGRAMS AND CERTIFICATES PREPARE STUDENTS FOR DYNAMIC CAREERS IN GROWING FIELDS

SPRING/SUMMER 2017

The WSU Board of Governors has approved a number of innovative new programs and certificates for the 2017-2018 academic year. These programs address shifting needs of Wayne State students and reflect data on employment sectors and market trends. Graduate School data suggest that many of our students stay in Michigan and have lasting ties to the Detroit community. According to Dean Ambika Mathur, “it’s exciting to see new programs that respond directly to needs and opportunities specific to Detroit, while also engaging with national and international research and technology to prepare our students for successful careers, whatever path they choose.” The Graduate School works with schools and colleges to facilitate this process.
THANK YOU

The Graduate School relies on the time and expertise of dedicated graduate faculty throughout the year. Without these contributions we would not be able to provide the same degree of support and resources to students, postdoctoral scholars and faculty. We are grateful for faculty committee members’ time, insight, expertise, leadership and commitment to the success of outstanding students and faculty at Wayne State.

GRADUATE SCHOOL COMMITTEES AND INITIATIVES INCLUDE:

Graduate Council
Graduate Council Executive Committee
Graduate Council Academic Standards
Graduate Council New Programs and Program Review Committee
Master’s Scholarship Selection Committee (Retention, Completion, AGRADE)
Faculty Awards Committee
Outstanding Graduate Director Service Award Committee
Heberlein Awards Selection Committee
Dean’s Diversity Selection Committee
King-Chavez-Parks Selection Committee
Summer Dissertation Awards Committee
Master’s Advisory Group
Graduate and Postdoctoral Professional Development (GPPD) presenters
GA Allocation Committee
Portfolio Review Admission Committee
AGEP faculty presenters
The Graduate School recognizes the accomplishments of graduate faculty through a number of awards. Each year as we review these applications, nominations and recommendations, we are reminded of Wayne State graduate faculty’s remarkable accomplishments, dedicated work and commitment both to their own research and scholarship and the training and support of their master’s and Ph.D. students.

DISTINGUISHED GRADUATE FACULTY

The **Distinguished Graduate Faculty Award** honors an outstanding faculty member for scholarly achievement in research and teaching, and in contributions to graduate education. It alternates annually between the humanities/social sciences and the health/natural sciences. This year’s award was made in the natural/health sciences to:

Christine Chow, Ph.D., Professor of Chemistry, College of Liberal Arts & Science

OUTSTANDING GRADUATE MENTOR

The **Outstanding Graduate Mentor Awards** celebrate faculty members who are recognized by their departments and graduate students as superb graduate mentors. Each of the recipients below inspire their students with their dedication and enthusiasm for their area of research and provide guidance, support and encouragement for their mentees leading to publications, networking opportunities and excellent career placement.

Fred Vultee, Ph.D., Associate Professor of Communication, College of Fine, Performing and Communication Arts

Roger Pique-Regi, Ph.D., Assistant Professor, Center for Molecular Medicine and Genetics and of Obstetrics and Gynecology, School of Medicine

Valerie Simon, Ph.D., Associate Professor of Psychology, Merrill Palmer Skillman Institute, College of Liberal Arts & Sciences
OUTSTANDING GRADUATE DIRECTOR

The Outstanding Graduate Director Service Awards were new in 2017, and co-sponsored by the Office of the Provost. These awards recognize graduate directors who go above and beyond in service to advance graduate education in their programs. They are exemplary in their teaching, research, scholarship, mentorship, and as leaders of graduate education in their departments.

Stephen Chrisomalis, Ph.D., Associate Professor of Anthropology, College of Liberal Arts & Sciences

Sharon Lean, Ph.D., Associate Professor of Political Science, College of Liberal Arts & Sciences

Caroline Maun, Ph.D., Associate Professor of English, College of Liberal Arts & Sciences
COMPETITIVE GRADUATE RESEARCH ASSISTANT (GRA) AWARDS

This year’s Competitive GRA Awards were given in the category of Arts and Humanities. The faculty below received 12-month GRA positions for winter and spring/summer terms of 2016-2017 to support their research and create opportunity for select students in their programs.

John Corvino, Ph.D., Department Chair, Professor of Philosophy, College of Liberal Arts & Sciences

Elizabeth Faue, Ph.D., Department Chair, Professor of History, College of Liberal Arts & Sciences

Lauren Kalman, MFA, Assistant Professor, Art and Art History, College of Fine, Performing and Communication Arts

Katheryn Maguire, Ph.D., Associate Professor, Communications, College of Fine, Performing and Communication Arts

Wendy Matthews, MMUS, Assistant Professor, Instrumental Music Education, College of Fine, Performing and Communication Arts

MENTORING FOR DOCTORAL STUDENT SUCCESS

The Graduate School’s new Mentoring for Doctoral Student Success initiative encourages evidence-based mentoring practices and departmental strategies to build the culture of graduate student mentoring and support student success. The 2017 awardees are:

The Department of Communication: Students and faculty will together attend a boot camp led by an expert faculty mentor. Students will participate in a Doctoral Research Showcase including a poster session, mock job interviews, and feedback sessions with faculty to improve their skills.

College of Nursing: Includes a needs assessment of doctoral students, faculty-led mentoring sessions for doctoral students on psychosocial barriers that affect academic and work life, and the development of a peer mentoring program.
GRADUATE ADMISSIONS
APPLICATION AND ENROLLMENT DATA

Application trends

Total enrollment by student headcount and level, fall 2014 to fall 2016

Data from 2016-2017 Institutional Research Factbook
## Fall 2016 Graduate Headcount

<table>
<thead>
<tr>
<th>Graduate Level Students</th>
<th>Class Level</th>
<th>Head Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mike Ilitch School of Business</td>
<td>Masters</td>
<td>1,154</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>11</td>
</tr>
<tr>
<td>Mike Ilitch School of Business School of Business Total</td>
<td></td>
<td>1,165</td>
</tr>
<tr>
<td>College of Education</td>
<td>Masters</td>
<td>1,212</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>207</td>
</tr>
<tr>
<td>College of Education Total</td>
<td></td>
<td>1,419</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>Masters</td>
<td>1,292</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>298</td>
</tr>
<tr>
<td>College of Engineering Total</td>
<td></td>
<td>1,590</td>
</tr>
<tr>
<td>Fine, Performing &amp; Comm. Arts</td>
<td>Masters</td>
<td>221</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>43</td>
</tr>
<tr>
<td>Fine, Performing &amp; Comm. Arts Total</td>
<td></td>
<td>264</td>
</tr>
<tr>
<td>Library &amp; Information Science</td>
<td>Masters</td>
<td>466</td>
</tr>
<tr>
<td>Liberal Arts &amp; Sciences</td>
<td>Masters</td>
<td>625</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>696</td>
</tr>
<tr>
<td>Liberal Arts &amp; Sciences Total</td>
<td></td>
<td>1,321</td>
</tr>
<tr>
<td>Law School</td>
<td>Masters</td>
<td>17</td>
</tr>
<tr>
<td>School of Medicine</td>
<td>Masters</td>
<td>310</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>138</td>
</tr>
<tr>
<td>School of Medicine Total</td>
<td></td>
<td>448</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>Masters</td>
<td>159</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>131</td>
</tr>
<tr>
<td>College of Nursing Total</td>
<td></td>
<td>290</td>
</tr>
<tr>
<td>Pharmacy and Health Sciences</td>
<td>Masters</td>
<td>186</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>163</td>
</tr>
<tr>
<td>Pharmacy and Health Sciences Total</td>
<td></td>
<td>349</td>
</tr>
<tr>
<td>Social Work</td>
<td>Masters</td>
<td>665</td>
</tr>
<tr>
<td></td>
<td>Doctorate</td>
<td>20</td>
</tr>
</tbody>
</table>

Data from 2016-2017 Institutional Research Factbook
GRADUATE STUDENT DEMOGRAPHICS FALL 2016

Graduate/Professional
Race/ethnicity profile

Data from 2016-2017 Institutional Research Factbook
Fall 2016 Graduate Enrollment by Geographic Origin

**Michigan Residents**
- Detroit: 375
- Wayne County-excl Detroit: 1,720
- Oakland County: 1,707
- Macomb County: 956
- Other Counties: 971
- **Total Michigan Residents**: 5,729

**Non-Residents—Domestic**
- Ohio: 76
- Illinois: 40
- California: 38
- Other States: 327
- **Total Non-Residents Domestic**: 481

**Non Residents—International**
- India: 949
- China: 187
- Canada: 143
- Other International: 525
- **Total Non-Residents—International**: 1,804

Data from 2016-2017 Institutional Research Factbook
Number of degrees and certificates granted by type

<table>
<thead>
<tr>
<th>Type</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masters</td>
<td>2,000</td>
<td>2,046</td>
<td>2,068</td>
</tr>
<tr>
<td>Doctoral/Professional</td>
<td>807</td>
<td>810</td>
<td>767</td>
</tr>
<tr>
<td>Certificates</td>
<td>205</td>
<td>194</td>
<td>178</td>
</tr>
</tbody>
</table>

Data from 2016-2017 Institutional Research Factbook
2016-2017 GRADUATE AMBASSADORS

Graduate School ambassadors are selected for their determination and hard work in their studies, as well as their ability to share their knowledge and experience with perspective students. They represent a range of degree programs, matched by a wide variety of life experiences. The graduate ambassador program pays a tuition scholarship of $500 in fall and winter semesters.

Jynil Schneider is a proud Wayne State Warrior in the School of Social Work’s MSW program. She has over ten years of experience in the field of substance abuse prevention, and is pursuing her MSW to advocate for more funding for substance abuse and suicide prevention at the local, state, and federal level. Jynil also received a Master of Business Administration degree from Northwood University in 2004. Her professional life since then has been working with adolescents to deliver prevention curricula that teach valuable life skills, including the risks associated with substance use and abuse as well as promoting resources available to them for mental health and suicide concerns.

Kristen Venadam has been a Registered Nurse for 20 years. She has worked as a public health nurse at the Macomb County Health Department for the last 17 years, making home-visits to high risk pregnant mothers and their babies. Kristen received her Bachelor of Science in nursing from the University of Michigan-Ann Arbor in 1996, graduating summa cum laude. She is a member of the nursing honor society, Sigma Theta Tau. Besides working full time as a nurse, and master’s student, she is a busy mother of three teenage children and very active in her church.

Kristen is currently working towards a master’s degree in Pediatric Nurse Practitioner – Primary Care, here at Wayne State University. Her decision to attend Wayne State University was greatly influenced by the fact that their School of Nursing is highly respected in the medical community and its association with the Detroit Medical Center. Wayne State University also provides a safe learning environment for commuting students.

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Ernestine Lyons is a master’s student in world politics in the Department of Political Science within the College of Liberal Arts and Sciences. Born and raised in Detroit, she was always a dreamer who wanted to see the world, and coming to Wayne State has allowed her to achieve those dreams. She completed her undergraduate degree at WSU in Asian Studies with a co-major in International Studies and a minor in Middle Eastern and Islamic studies. At Wayne State, she has been committed to a personal mission of being a global citizen, bringing international cultural experiences and global education to the community. Lyons hopes to eventually work in diplomacy.

As a graduate student, Ernestine organized a trip to Russia to learn the Russian language and gather research. She has presented her research at the Michigan Political Science Association and she gives lectures to high school students on the importance of learning a foreign language. Ernestine is a polyglot who loves learning languages. Her hobbies include singing, learning ethnic dance forms and writing. Her area of research and expertise are the developing and emerging market economies of Brazil, Russia, India, China and South Africa or the BRICS, as they are known. She has traveled to and done research in three of the five countries.

Manish Kumar Shakya received his undergraduate degree in mechanical engineering and is now a graduate student studying manufacturing engineering at Wayne State University. He has taken industry-based courses blended with some real-time live projects and industry tours. This in combination with his previous experience with various manufacturing techniques and tools has rekindled his passion to be involved with developing technology and ongoing education.

As an international graduate student at WSU, he is not only focused on his studies, but has found an on-campus job and joined student organizations. He enjoys participating in shared activities and learning about others’ approach to dealing with life’s issues. He has been an active volunteer for many university hosted events on campus and an integral part of a committee that helps towards WSU campus development.
RESEARCH ON BEST PRACTICES AND DATA TRACKING
ALUMNI CENSUS PROJECT

The data dashboard compiles results from our extensive Ph.D. alumni census, a collaboration between the Graduate School and the Office of Institutional Research. The project was designed to gather data that would help us better understand and support the career trajectories of our doctoral alumni, and assess the economic factors that affect Ph.D.s in the workforce. By understanding who employs our doctoral alumni, and in what capacity, we are better able to adapt our programs for the changing work environment of the 21st century.

- Began Alumni Census Project in 2015
- Found 88% of doctoral alumni from 1999 – 2014
- Continue to update data to understand career progression of alumni

ARTICLE IN CHANGE MAGAZINE DESCRIBES GRADUATE SCHOOL DATA COLLECTION AND ANALYSIS ON CAREER OUTCOMES FOR PH.D. ALUMNI

January 3, 2017

An article in *Change: The Magazine of Higher Learning*, “Using Longitudinal Data on Career Outcomes to Promote Improvements and Diversity in Graduate Education,” reviews the data drawn from the WSU Graduate School’s intensive project in collaboration with the Office of Institutional Research to track career outcomes for doctoral alumni and apply this information to new data systems to benefit graduate students and programs.

The Student Lifecycle Project is a multi-phase data collection project that recorded the career outcomes of Ph.D. alumni over a 15-year window to understand the reality of where our Ph.D. alumni end up, with some surprising results both specific to WSU graduates and in line with national trends. While it is commonly assumed that a Ph.D. leads to a tenure track position at a research university, many post Ph.D. paths lead to industry, entrepreneurial, government and nonprofit careers. This information has implications for the design of new programs and adjusting existing ones to best support the career success and satisfaction of our students.

The goal of this process is to “ensure that all members of the graduate community have immediate and direct access to the information they need to make data-informed decisions,” according to authors Andrew L. Feig, Leah Robinson, Song Yan, Mark Byrd, and Ambika Mathur. The highly visual and interactive Data Dashboard is a portal to this information. This data centered approach broadens the perspective on graduate student success, “not just placing students into one career track, but rather having students feel that they accomplished (or are on track to accomplish) their own goals, whatever those may be.”

Additional information is available on the Graduate School’s online Data Dashboard.
PH.D. CAREER OUTCOMES OVER 15 YEARS: EMPLOYMENT SECTORS

HUMANITIES, ARTS AND COMMUNICATION

For-Profit: 6%
Nonprofit: 2%
Academia: 82%

BIOMEDICAL

Government: 5%
Nonprofit: 4%
Academia: 52%
For-Profit: 31%
PH.D. CAREER OUTCOMES OVER 15 YEARS: EMPLOYMENT SECTORS

SOCIAL AND BEHAVIORAL SCIENCES AND EDUCATION

- Academia: 68%
- For-Profit: 19%
- Government: 2%

SCIENCE TECHNOLOGY ENGINEERING AND MATH (STEM)

- Academia: 40%
- For-Profit: 42%
- Government: 3%
WAYNE STATE AMONG 15 UNIVERSITIES NATIONWIDE SELECTED TO GATHER DATA ABOUT PH.D. CAREER PATHWAYS

July 24, 2017

Wayne State University was selected by the Council of Graduate Schools (CGS) to participate in a collective effort to gather and use data about the careers of Ph.D. students and alumni.

WSU was chosen along with 15 other institutions/consortia to receive an $80,000 grant from the National Science Foundation and the Andrew W. Mellon Foundation to support data collection about Ph.D. careers in STEM and humanities fields.

In addition to Wayne State, the other institutions chosen include the University of Notre Dame, Brown University, the University of California system, Arizona State University and Texas A&M University.

“Career diversity is important, and our Ph.D. alumni pursue careers in a broad range of professions in academia, industry, and the nonprofit job sector and government,” said WSU Graduate School Dean Ambika Mathur, who is the principal investigator of this project, “however, students are not always adequately prepared to work in diverse job sectors.”

Over the course of the 10-year project, universities will collect data from current Ph.D. students and alumni with surveys that were developed by CGS in consultation with senior university leaders, funding agencies, disciplinary societies, researchers, and Ph.D. students and alumni. The first wave of the survey will be sent to Ph.D. alumni in fall 2017, and CGS will begin publishing those findings the following fall.

“Today, universities recognize that Ph.D. students aspire to a wide variety of careers, including academic research and teaching,” said CGS President Suzanne Ortega. “Knowing what your alumni do — and how well they are prepared — is becoming the new paradigm, and our university partners are leading the way for the entire community of doctoral institutions.”

cgs consists of approximately 500 institutions of higher education in the United States and Canada that are engaged in graduate education, research and the preparation of candidates for advanced degrees. CGS is expanding the scope of data collection by inviting other CGS doctoral institutions to participate as affiliate partners.

The resulting data will allow universities to analyze Ph.D. career preferences and outcomes at the program level and help faculty and university leaders strengthen career services, professional development opportunities and mentoring in doctoral programs.

“By collecting this data, we will gain a better understanding of ways we can support multiple career options for Ph.D. students to ensure they are well-prepared to work in a broad range of professions over the course of their careers,” Mathur said. “This will help students make more informed Ph.D. program selections. This project also dovetails well with our work on the Broadening Experiences in Scientific Training [BEST] grant funded by the National Institutes of Health.”

CGS consists of approximately 500 institutions of higher education in the United States and Canada that are engaged in graduate education, research and the preparation of candidates for advanced degrees. CGS is expanding the scope of data collection by inviting other CGS doctoral institutions to participate as affiliate partners.
Wayne State is among the nation’s pre-eminent public research universities in an urban setting. Our thriving academic community includes over 120 postdoctoral trainees—skilled and talented scholars from around the world who have an essential role in our success.
POSTDOCTORAL ASSOCIATION

As an association run by postdocs for postdocs, the WSU-PDA’s mission is to promote the professional development and social well-being of the postdoctoral community at Wayne State University. The PDA aims to:

- Optimize the professional development of postdoctoral scholars at Wayne State University in order to facilitate their successful transition to a professional career.
- Promote social interactions between its members by creating a forum for social gathering and discussion of issues related to the postdoctoral experience at WSU.
- Recognize outstanding postdoctoral scholars at WSU, highlight the impact of postdoctoral research within WSU and connect WSU postdoctoral scholars to regional and national postdoctoral organizations.
- Organize community outreach efforts by the postdoctoral scholars of WSU.

PDA Steering committee (right to left): Chitra Thakur, Vice Chair; Amy Pennar, Chair of Publications; Stefanie Baier, Chair of Professional Development; John Anneken, Secretary and Treasurer; Veronica Chiu, Chair of Events and Fundraising; Professor Timothy Stemmler, PDA Advisor; Nada Saadat, Chair
ANNUAL POSTDOCTORAL RESEARCH SYMPOSIUM FALL 2016

During National Postdoc Appreciation week, the Postdoc Association awarded the following scholars with recognition and monetary awards for their research presentations:

**ORAL PRESENTATIONS:**

**First Place:** Mariana Angoa Perez, School of Medicine and JD Dingell VAMC for her presentation, “Brain Serotonin Signaling Does not Determine Sexual Preference in Male Mice”

**Second Place:** Deepti Yelapudi, Department of Pharmaceutical Sciences, Department of Pharmacology, for her presentation, “Assessment of Inhibition of Alpha Synuclein Aggregation and Toxicity by Multifunctional Dopamine Agonists by a Novel in Vitro Assay and In Vivo Drosophila Synucleinopathy Model”

**POSTER PRESENTATIONS:**

**First Place:** Amy Pennar, Department of Family Medicine and Public Health Sciences, RoBUST Postdoctoral Fellow, for her poster, “Conceptualizing Childrearing in Rural Malawi: Negotiating Reproductive Decisions and Parenting in the Context of HIV/AIDS”

**Second Place:** John H Anneken, Department of Psychiatry and Behavioral Neurosciences, for his poster, “Differential Dopaminergic Toxicity of Bath Salt Intermediates in Mice: Implications for the Mechanism of Methamphetamine Toxicity”
STUDENT SUCCESS SERVICES
STUDENT SUPPORT

FUNDING
Over $20 million annually in graduate student support through assistantships, scholarships and awards.

TRAINING PROGRAMS
The Graduate School collaborates with partners at WSU and beyond to develop opportunities for students—from incoming undergraduates to postdoctoral trainees. These initiatives and pipeline programs are designed to attract and support scholars who are traditionally underrepresented in their discipline, as well as fostering mentorship and investing in professional development to maximize success across diverse career pathways.

PROFESSIONAL DEVELOPMENT
The Graduate School promotes career exploration and provides a range of professional development opportunities for graduate students and postdoctoral scholars preparing for the future with a diverse set of interests and professional goals.

DIVERSITY INITIATIVES
The Graduate School celebrates and supports diversity with resources and initiatives designed to enhance retention and encourage the academic excellence of students who are underrepresented in their disciplines.
FUNDING AND AWARDS

- Thomas C. Rumble University Graduate Fellowship
- Dean’s Diversity Fellowship
- King-Chavez-Parks Future Faculty Fellowship Program
- Summer Dissertation Award
- Munich Fellowship
- Graduate Professional Scholarship
- Master’s AGRADE, Retention, Completion Scholarships
- Workforce Development Scholarship
- Dean’s Merit Scholarship
- Graduate Student Professional Travel Awards
- Heberlein Teaching Award
- Thesis/dissertation research support
- Incentives for external funding
Darry Powell-Young is a 2nd year Ph.D. student in political science at Wayne State University, originally from Chicago. He is a WSU Dean’s Diversity Fellow and a 2017-2018 American Political Science Association Minority Research Fellow.

What has been your most meaningful experience or area of growth as a graduate student?

Learning collaborative skills and interdisciplinary study has been a significant area of growth for me as a graduate student. I have also survived colon cancer twice. The second time interrupted my graduate education as I had to take a break from school. The experience taught me to be appreciative of each day of the little things in life. It also motivated me to not procrastinate in following my dreams and goals but to pursue them now.

What is your current field of study/research? What’s been your most interesting insight, significant accomplishment or research breakthrough?

My current research is on urban education, particularly in Chicago. I am interested in school-city administrative dichotomy of Advanced Placement (AP) and International Baccalaureate (IB) programs and the social and political implications of the lack of enough minority students in these programs. I also research the academic success and political viability of urban school districts that are controlled by its mayor, like Chicago and New York City.

How do you envision your career after your degree?

I hope to become an education policy strategist, Chief Performance Improvement Officer, or the Director for the Office of Civil Rights, both with the US Department of Education.
“The [KCP] program has given me a great support and network system. It has prepared me for opportunities to present my work at conferences.”

MARION TATE

Ph.D. student in Education, KCP Fellow

Marion Tate is a recipient of the King-Chavez-Parks Fellowship. She is a 4th year Ph.D. student from Detroit in the Department of Education.

What is your current field of study/research?
What’s been your most interesting insight, significant accomplishment or research breakthrough?

I am currently still doing coursework. My research will involve museum education, family literacy and the integration of Yemeni women.

What motivated you to pursue this field of study?

I have always been interested in learning about other cultures. Teaching, on the other hand, was something I did, even as an adolescent. I was always teaching someone something. My doctoral studies were a logical avenue that connected the two things I love.

How do you envision your career after your degree?

I hope to teach, work in a field/capacity that connects both domestic and international aspects of society with respect to education, (e.g., an NGO or an embassy), and write and publish my experiences.

How has the fellowship supported or enhanced your scholarship at WSU or experience as a graduate student?

The program has given me a great support and network system. It has prepared me for opportunities to present my work at conferences. Conferences are a great way of introducing you into the real world in a non-threatening way. Also, KCP encourages you to teach, which provides opportunities to sharpen my professional teaching practice. KCP has also given me access to a diverse and interdisciplinary range of scholars. The KCP visiting scholars program is also very exciting, informative, and provides exposure into other fields of study from an under represented scholar’s perspective. I find this extremely encouraging.
“So far it [KCP] has been not only an important source of financial support, but also a great opportunity to meet students from other parts of the university and develop skills that will better position me for a faculty position in the future.”

- Alisa Hutchinson, M.Ed. and Ph.D. candidate in Learning Design and Technology, 2016 KCP Fellow

DEAN’S DIVERSITY FELLOWSHIPS ANNOUNCED

April 2, 2017

The Dean’s Diversity Fellowship is designed to attract new doctoral students to Wayne State University and support departmental recruitment of students who demonstrate academic excellence and are underrepresented in their disciplines.

2017 fellowship recipients:

- Cancer Biology Program in the Department of Oncology, School of Medicine
- Department of English, College of Liberal Arts and Sciences
- Department of Mathematics, College of Liberal Arts and Sciences
- Department of Communication, College of Fine, Performing and Communication Arts
- Department of Psychology, College of Liberal Arts and Sciences
GRADUATE AND POSTDOCTORAL PROFESSIONAL DEVELOPMENT
COMPETENCY BASED MICRO-CREDENTIALING

Our Graduate and Postdoctoral Professional Development (GPPD) seminar series covers a range of topics that are of interest to trainees including abstract writing, job search skills and poster presentation skills. This annual series is organized by nationally recognized core competencies, and provides opportunities for micro-credentialing to highlight skills and experiences that can be less visible on transcripts and standard job applications.

The Graduate School has identified a set of core competencies that cut across academic disciplines and career types and align with WSU’s mission. Professional development seminars, workshops and micro-credentials are offered as a framework for building these competencies.

- Communicate clearly using a variety of media with expert and non-expert audiences
- Demonstrate leadership and self-awareness
- Work effectively in diverse teams
- Behave ethically in research and the workplace
In response to surveys of faculty, students, alumni and industry partners, the Graduate School has identified five core competency areas that are critical to successful degree completion, scholarly and creative contributions and leadership roles across diverse career paths. This initiative issues corresponding micro-credentials in the five to the left.

A micro-credential, also called a digital badge, is a tool for showcasing the skills and experience that may not be readily apparent by reading an academic transcript, resume or CV. These badges are shareable via social media (e.g., LinkedIn, Twitter, Facebook, Mozilla Backpack). They can also be embedded on a personal or professional website or added to an email signature to demonstrate skills and experience to prospective employers, colleagues and peers.
In the past, I have used traditional approaches to building my resume. I have learned that more and more employees even in academia are using professional job sites on social media to select candidates. Micro-credentialing is an exciting way for me to build a portfolio of digital badges which will benefit me when I am on the job market.

STEFANIE BAIER, POSTDOCTORAL SCHOLAR, ACADEMIC AFFAIRS, STUDENT SUCCESS, OFFICE OF THE PROVOST
The 2017 Graduate and Postdoctoral Research Symposium was a great success with over 160 poster presentations from postdoctoral scholars, doctoral and master's students across disciplines. The Graduate School awarded over $16,000 to a total of forty-nine award winning participants. Our judges consisted of a dedicated group of faculty advisors, postdoctoral scholars and doctoral students who volunteered their time to evaluate and respond to the work of their students and colleagues.

THREE MINUTE THESIS (3MT)

This was the second year for Three Minute Thesis (3MT) competition with twelve presenters nominated by their school, college or department. A panel of six judges from across campus and the broader community evaluated the presenters’ ability to convey their research in three minutes with one compelling visual slide. “The competition was intense,” says Graduate School Associate Dean, Annmarie Cano, “It was exciting to see how students were able to distill complicated concepts for a general audience, and great to see the audience engagement in selecting a People’s Choice winner.” The audience selected Nisansala Muthunayake from the Chemistry Department as winner of the People’s Choice Award for her presentation, “Antibiotic Resistance: No Action Today, No Cure Tomorrow.” There was a tie for first place between Daniel Harrison from Anthropology for his presentation, “From Wilderness to Maritime Landscape: The Transformation of the St. Clair Flats, 1670 to 1937,” and Xavier Swiecki, from Art and Art History, for his presentation, “The Aldobrandini Wedding-- Or Is it?”. Swiecki went on to compete at the Midwestern Association of Graduate Schools (MAGS) meeting in April 2017.

BUSINESS CARD COMPETITION

The BEST (Broadening Experiences in Scientific Training) program offered a business card competition for the first time this year. Three entries were selected that exemplified elements of effective business card design. The first place winner was postdoctoral scholar, Nadia Saddat, from Nutrition and Food Science. In the awards presentation, Judith Moldenhauer, Associate Professor in Art and Art History, highlighted the winning cards’ successful design features. In response to the high level of interest, BEST will offer the competition again in the future to help doctoral students and postdoctoral scholars prepare for networking opportunities and entry into the job market.
A SAMPLING OF GRADUATE STUDENT RESEARCH

Gut Microbiome: Methods for Assessing Gut Bacterial Metabolic Status
- Andrew Neff, Translational Neuroscience

Hereditary Ovarian Cancer: A Case for New Candidate Genes
- Sophia Chaudhry, Molecular Biology and Genetics

Crisis Intervention Team Training in Michigan
- Lester Kern, Social Work

Reconstructing Blood Vessels to Rebuild Human Tissue
- Kevin Miles, Physiology

Effects of the Great Recession on Older U.S. Workers and Their Compensation, Including Fringe Benefits
- Roy Indrakshi, Economics

We Will Never Forget: Memory Construction at the 9-11 Crash Site Memorial
- Nicholas Prephan, Communication
TRAINING AND PIPELINE PROGRAMS
BEST programming provides information about each career domain from professionals in that specific career trajectory. Facilitators include Wayne State alumni, faculty, and industry partners. The program is offered in three phases across the academic year (fall, winter, spring/summer). This 3-phase program enhances not just the ability to explore career paths, but also provides trainees with the critical thinking, reasoning and communication skill sets that employers are seeking. It also helps trainees to reason in a more informed manner about their career options, resulting in greater clarity about which paths are attractive and a good fit, and those that are not.
BEST PROGRAM AWARDS SIX MINI-GRANTS FOR CAREER AND PROFESSIONAL DEVELOPMENT

BEST and the Graduate School created a new fund to provide academic departments with small grants (up to $5,000) for support of career development initiatives within their graduate programs, encouraging collaboration among faculty from multiple departments. The following six initiatives received awards in 2017:

- The Michigan Pharmacology Research Colloquium
- Preparing for Life After Graduate School (PFLAGS) Workshop
- Facilitating Trainee Success in the Age of Big Data
- Thinking Outside the (Academic) Box: Multiple Careers in Cardiovascular Sciences
- Reproductive Doctorate Career Seminar (ReD CaSe)
- The Department of Psychology Career Development Initiative

WSU-BEST PRESENTS AT THE 2ND ANNUAL FUTURE OF BIOSCIENCE GRADUATE AND POSTDOCTORAL TRAINING (FOBGAPT2) MEETING IN DENVER, CO

Dean Ambika Mathur, Ph.D. was on the organizing committee for FOBGAPT2, held in early June, a meeting of national stakeholders from across academia, the private sector, foundations, and federal funding agencies. The group gathered to discuss aspects of implementing new training models and develop consensus and recommendations on graduate and postdoctoral training in the biosciences.

Representatives from WSU Graduate School and the Broadening Experiences in Scientific Training (BEST) program participated in workshops and presented outcomes on the benefits of experiential career explorations for students and the responses of faculty to trainee participation in these activities. Ph.D. student in chemistry Nisansala Muthunayake presented a poster on BEST program design and outcomes. Engineering Ph.D. student Tonya Whitehead was also a participant, and WSU postdoctoral scientist John Anneken received a competitively awarded stipend from FOBGAPT to attend the meeting.

Outcomes from this conference will appear as a white paper that will be presented to biomedical workforce development policymakers, including the National Institutes of Health, and will include a series of recommendations and calls to action to enhance workforce development.
SCI PHD BOOTCAMP

In May 2017, BEST sponsored an intensive 2-day workshop with SciPhd, a professional development services firm that has held career events at major research universities nationwide, including Rutgers, the University of Michigan, the University of Chicago, Harvard University, and Stanford.

"BEST helped me build confidence in myself. It gave me courage to choose another track by letting me meet with people who had done the same and been successful."
- Dulmini Barupala, Ph.D. ‘16

“I have accepted a position as Senior Scientist with Siemens. The BEST program was my partner through this process, from educating me about the various career options and the skill sets needed to succeed in those profiles… all the way to interviewing skills and how to negotiate your salary."
- Uday Krishnamurthy, Ph.D. ‘17
WSU is proud to be part of reBUILDetroit, a consortium of Detroit institutions supported by the National Institutes of Health (NIH), as part of its national BUILD program. BUILD is committed to ensuring that students from all backgrounds receive support in pursuing biomedical careers. WSU BUILD students receive hands-on research training, guided career development, and access to a network of elite faculty mentors and renowned scientists.

2016-2017 HIGHLIGHTS:

- 28 total incoming scholars completed pre-freshman summer enrichment program.
- 8 BUILD Scholars attended the Annual Biomedical Research Conference for Minority Students (ABRCMS) in Tampa, Fl, with 3 Poster Presentation Award recipients in November 2016.
- 42 scholars participated in Summer Research with WSU faculty and 4 scholars participated in Pre-MD/Ph.D. Enrichment Program in May 2017.
- 2nd Annual ReBUILDetroit Summer Research Poster Session held at Wayne State University in July 2017.
IN THE NEWS: REBUILDDETROIT FEATURED IN WAYNE STATE MAGAZINE AND MICHBIO PUBLICATION, BIOMATTERS, FALL 2016
KHALID ABABTAIN,
B.SC 2007, KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS; M.SC 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “DESIGN AND OPTIMIZATION OF LITHIUM ION BATTERY FOR HIGH TEMPERATURE APPLICATIONS.”
DISSERTATION ADVISOR: PROFESSOR LEELA ARAVA
MECHANICAL ENGINEERING

BATOUL ABDALLAH,
BA 2004, MA 2009 UNIVERSITY OF MICHIGAN-DEARBORN
DISSERTATION: “FUZZY INHERITANCE: A NOVEL FORM OF SOMATIC CELL INHERITANCE THAT REGULATES CELL POPULATION HETEROGENEITY.”
DISSERTATION ADVISOR: PROFESSOR HENRY HENG
MOLECULAR GENETICS AND GENOMICS

EHAB ABDELHAMID,
B.SC 2005, AIN SHAMS UNIVERSITY, CAIRO, EGYPT; M.SC 2011, WAYNE STATE UNIVERSITY
DISSERTATION: “MULTIFERROICITY IN IRON VANADATE, MAGNETITE AND POLYVINYLIDENE FLUORIDE NANOCOMPOSITE FILMS.”
DISSERTATION ADVISORS: PROFESSORS BORIS NADGORNY AND RATNA NAIK
PHYSICS

STEVEN ADDO,
B.SC 1989, CUTTINGTON UNIVERSITY; MA 2007, WAYNE STATE UNIVERSITY
DISSERTATION: “THE RELATIONSHIP BETWEEN HEALTH CARE SPENDING AND GROSS DOMESTIC PRODUCT: A STUDY FROM A SAMPLE OF AFRICAN COUNTRIES.”
DISSERTATION ADVISOR: PROFESSOR ALLEN GOODMAN
ECONOMICS

DAVID ADELSTEIN,
BA 1997, UNIVERSITY OF MICHIGAN; MA 2002, WAYNE STATE UNIVERSITY; MA 2006, CENTRAL MICHIGAN UNIVERSITY
DISSERTATION: “REDESIGNING THE INACOL STANDARDS FOR K-12 ONLINE COURSE DESIGN.”
DISSERTATION ADVISORS: PROFESSORS MICHAEL BARBOUR AND TIMOTHY SPANNAUS
INSTRUCTIONAL TECHNOLOGY

KHOLOD ADHEM,
BS 2007, TRIPOLI UNIVERSITY; MS 2011, WAYNE STATE UNIVERSITY
DISSERTATION: “LOCAL FIELD ENHANCEMENT ON DEMAND BASED ON HYBRID PLASMONIC-DIELECTRIC DIRECTIONAL COUPLER.”
DISSERTATION ADVISOR: PROFESSOR IVAN AVRUTSKY
ELECTRICAL ENGINEERING

NEHA AGARWAL,
B.SC 2006, CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR; M.SC 2009, MADURAI KAMARAJ UNIVERSITY
DISSERTATION: “AN INVESTIGATION INTO THE MOLECULAR BASIS UNDERLYING ENHANCEMENT OF TRANSCRIPTION BY THE INTRON IN BUDDING YEAST.”
DISSERTATION ADVISOR: PROFESSOR ATHAR ANSARI
BIOLOGICAL SCIENCES

AQILA AHMED,
B.SC 2008, WAYNE STATE UNIVERSITY
DISSERTATION: “INVESTIGATING THE ROLE OF DNA POLYMERASE BETA IN THE AGING PHENOTYPE OF DOWN SYNDROME.”
DISSERTATION ADVISOR: PROFESSOR DIANE CABELOF
NUTRITION AND FOOD SCIENCE

ISIL AKBULUT,
BS 2009, MIDDLE EAST TECHNICAL UNIVERSITY; MA 2011, WAYNE STATE UNIVERSITY
HASAN ALZAHRANI,
MA 2009, KING SAUD UNIVERSITY
DISSERTATION: “THE PREVALENCE OF KEY
NEEDS ASSESSMENT TASKS AS PERCEIVED
BY HUMAN PERFORMANCE IMPROVEMENT
PRACTITIONERS.”
DISSERTATION ADVISOR: PROFESSOR
INGRID GUERRA-LOPEZ
INSTRUCTIONAL TECHNOLOGY

SEAN ANDERSON,
BA 2009, UNIVERSITY OF CALIFORNIA AT
DAVIS; MA 2011, UNIVERSITY OF TEXAS AT
SAN ANTONIO
DISSERTATION: “THE REFUGEE
CONVENTION AND THE POLITICS
OF DOMESTIC RULE MAKING IN 44
DEMOCRACIES: WHERE AND HOW DO
INSTITUTIONS MATTER?”
DISSERTATION ADVISOR: PROFESSOR KEVIN
DEEGAN-KRAUSE
POLITICAL SCIENCE

THILANI ANTHONY,
B.SC 2009, UNIVERSITY OF PERADENIYA
DISSERTATION: “STUDYING THE ATP
COSUBSTRATE PROMISCUITY OF
NUCLEOTIDE AND LIPID KINASES.”
DISSERTATION ADVISOR: PROFESSOR MARY
KAY PFLUM
CHEMISTRY

ALIREZA ATIN,
BS 1997, AZAD UNIVERSITY; M.SC 2012,
UNIVERSITY OF ZULIA
DISSERTATION: “PROJECT RISK
PROPAGATION MODELING OF
ENGINEERING, PROCUREMENT AND
CONSTRUCTION.”
DISSERTATION ADVISOR: PROFESSOR
MUMTAZ USMEN
CIVIL ENGINEERING

DULMINI BARUPALA,
B.SC 2010, UNIVERSITY OF COLOMBO,
SRI LANKA
DISSERTATION: “CHARACTERIZATION
OF THE YEAST CYSTEINE
DESULFURASE COMPLEX WITHIN
THE MITOCHONDRIAL FE-S CLUSTER
BIOGENESIS.”
DISSERTATION ADVISOR: PROFESSOR
TIMOTHY STEMMLER
BIOCHEMISTRY AND MOLECULAR
BIOLOGY

NASIM BAGHBAN FERDOWS,
MA 2014, WAYNE STATE UNIVERSITY
DISSERTATION: “ESSAYS ON HEALTHY
AGING FROM THE PERSPECTIVE OF A
HEALTH PRODUCTION FUNCTION.”
DISSERTATION ADVISOR: PROFESSOR
GAIL JENSEN SUMMERS
ECONOMICS

WENDY BARTLO,
BA 2003, UNIVERSITY OF NEW MEXICO; MA 2007, UNIVERSITY OF MEMPHIS
DISSERTATION: “I CAN SEE MY VALUES
IN PLACES’: RELATIONSHIPS, PLACE,
AND GROWING OLD IN DETROIT
NEIGHBORHOODS”
DISSERTATION ADVISOR: PROFESSOR
ANDREA SANKAR
ANTHROPOLOGY

DINAH AYNA,
BA 2003, AMERICAN UNIVERSITY OF
BEIRUT; M.SC 2004, UNIVERSITY OF
LIVERPOOL; MA 2013, WAYNE STATE
UNIVERSITY
DISSERTATION: “PROGRAM EVALUATION
OF THE TRANSITION TO INDEPENDENCE
PROGRAM (TIP).”
DISSERTATION ADVISORS: PROFESSORS
EMILY GREKIN AND PAUL TORO
PSYCHOLOGY

JESSE BASHEM,
MA 2005, UNIVERSITY OF CALIFORNIA,
SANTA CRUZ; MA 2012, WAYNE STATE
UNIVERSITY
DISSERTATION: “PERFORMANCE
VALIDITY ASSESSMENT OF BONA FIDE
AND MALINGERED TRAUMATIC BRAIN
DISSERTATION: “INTER-ORGANIZATIONAL NETWORKS AMONG INTERGOVERNMENTAL ORGANIZATIONS IN PEACE OPERATIONS.”
DISSERTATION ADVISOR: PROFESSOR FREDERIC PEARSON
POLITICAL SCIENCE

KHALID ALASFOR,
BA 2008, KING SAUD UNIVERSITY; MA 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “SOCIAL MEDIA ADOPTION AMONG UNIVERSITY INSTRUCTORS IN SAUDI ARABIA.”
DISSERTATION ADVISOR: PROFESSOR MONICA TRACEY
INSTRUCTIONAL TECHNOLOGY

AHMAD ALGOLAYLAT,
BA 2005, MA 2010, UNIVERSITY OF JORDAN
DISSERTATION: “THE EVALUATION OF EDUCATIONAL INCLUSION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES IN JORDAN.”
DISSERTATION ADVISOR: PROFESSOR MARSHALL ZUMBERG
SPECIAL EDUCATION

EBTESAM ALHABEEB,
BA 1997, ARTS OF EDUCATION TEACHER-TRAINING COLLEGE; MA 2006, UMM ALQURA UNIVERSITY
DISSERTATION: “SAUDI PARENTS’ PERCEPTIONS ABOUT THEIR ROLE IN THEIR CHILDREN’S EDUCATION IN AMERICAN ELEMENTARY SCHOOLS.”
DISSERTATION ADVISOR: PROFESSOR KATHRYN ROBERTS
TEACHER EDUCATION

MOSAD ALKHATHAMI,
BA 2009, PURDUE UNIVERSITY CALUMET; MA 2011, DEPAUL UNIVERSITY
DISSERTATION: “UTILIZATION OF A LARGE-SCALE WIRELESS SENSOR NETWORK FOR INTRUSION DETECTION AND BORDER SURVEILLANCE.”
DISSERTATION ADVISOR: PROFESSOR CAISHENG WANG
ELECTRICAL ENGINEERING

ALISA ALLKINS,
BA 2009, OAKLAND UNIVERSITY; MA 2016, WAYNE STATE UNIVERSITY
DISSERTATION: “AFTER THE CLINIC: GENDERED PATHOLOGY IN MODERNIST LITERATURE.”
DISSERTATION ADVISOR: PROFESSOR BARRETT WATTEN
ENGLISH

ANAS ALSHALAN,
B.ED 2008, KING SAUD UNIVERSITY; M.ED 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “THE EFFECTS OF WIKI-BASED COLLABORATIVE WRITING ON ESL STUDENT’S INDIVIDUAL WRITING PERFORMANCE.”
DISSERTATION ADVISOR: PROFESSOR MONICA TRACEY
INSTRUCTIONAL TECHNOLOGY

ABDULAZIZ ALSHGERI,
BBA 2009, UNIVERSITY OF TOLEDO; MBA 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “NEEDS ASSESSMENT AS A PROCESS FOR CHANGE MANAGEMENT: ALIGNING ORGANIZATIONAL PERFORMANCE AND HUMAN CAPITAL INVESTMENT WITH STRATEGIC PLANNING AND CHANGE CREATION.”
DISSERTATION ADVISOR: PROFESSOR INGRID GUERRA-LOPEZ
INSTRUCTIONAL TECHNOLOGY

SAEED ALYAMI,
BS 2004, KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS; MS 2011, WAYNE STATE UNIVERSITY
DISSERTATION: “VOLTAGE MANAGEMENT OF DISTRIBUTION NETWORKS WITH HIGH PENETRATION OF DISTRIBUTED PHOTOVOLTAIC GENERATION SOURCES.”
DISSERTATION ADVISOR: PROFESSOR CAISHENG WANG
ELECTRICAL ENGINEERING
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<th>Name</th>
<th>Degree(s)</th>
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<th>Dissertation Title</th>
<th>Dissertation Advisor(s)</th>
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<td>Sean Callan</td>
<td>B.A 2011, Oakland University; M.A 2014, Wayne State University</td>
<td>Dissertation: “A Mouse Model of Toluene Abstinence-Induced Pathology.”</td>
<td>Dissertation Advisor: Professor Scott Bowen, Psychology</td>
<td>Psychology</td>
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MODEL.”
DISSERTATION ADVISOR: PROFESSOR BORIS MORDUKHOVICH
MATHEMATICS

MICHAEL CARRAUTHERS,
BS 1988, M.ED 1998, WAYNE STATE UNIVERSITY
DISSERTATION: “A MEASURE OF EFFICIENCY BETWEEN CHARTER SCHOOLS AND TRADITIONAL PUBLIC SCHOOLS IN MICHIGAN.”
DISSERTATION ADVISOR: PROFESSOR BENJAMIN POGODZINSKI
EDUCATIONAL LEADERSHIP AND POLICY STUDIES

JENNIFER CARTY,
BA 2008, MA 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “THE EFFECTS OF A LIFE-STRESS INTERVIEW FOR WOMEN WITH CHRONIC UROGENITAL PAIN CONDITIONS: A RANDOMIZED TRIAL.”
DISSERTATION ADVISOR: PROFESSOR MARK LUMLEY
PSYCHOLOGY

PAULA CASTONGUAY,
BA 2006, UNIVERSITY OF WINDSOR
DISSERTATION: “STOP IDENTITY CUES AS A CUE TO LANGUAGE IDENTITY.”
DISSERTATION ADVISORS: PROFESSORS DEREK DANIELS AND GEOFFREY NATHAN
COMMUNICATION SCIENCES AND DISORDERS

BHIM CHAMPLAGAIN,
BS 2003, M.SC 2005, TRIBHUVAN UNIVERSITY; MS 2015, WAYNE STATE UNIVERSITY
DISSERTATION: “SUBSTRATE AND DIELECTRIC INTEGRATION IN 2D ELECTRONICS.”
DISSERTATION ADVISOR: PROFESSOR ZHIXIAN ZHOU
PHYSICS

SABARISH CHANDRAMOHAN,
B.TECH 2006, UNIVERSITY OF KERALA, KERALA, INDIA; MS 2014, WAYNE STATE UNIVERSITY
DISSERTATION: “DENSE PERIODICAL PATTERNS IN PHOTONIC DEVICES: TECHNOLOGY FOR FABRICATION AND DEVICE PERFORMANCE.”
DISSERTATION ADVISOR: PROFESSOR IVAN AVRUTSKY
ELECTRICAL ENGINEERING

ALAA CHEHAB,
B.SC 2011, M.SC 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “TOWARD A BETTER ESTIMATION OF SHEAR CAPACITY OF PRESTRESSED CONCRETE BEAMS.”
DISSERTATION ADVISOR: PROFESSOR CHRISTOPHER EAMON
CIVIL ENGINEERING

MIKHAIL CHETVERTKOV,
B.SC 2009, M.SC 2011, MOSCOW STATE UNIVERSITY
DISSERTATION: “PRINCIPAL COMPONENT ANALYSIS-BASED ANATOMICAL MOTION MODELS FOR USE IN ADAPTIVE RADIATION THERAPY OF HEAD AND NECK CANCER PATIENTS.”
DISSERTATION ADVISOR: PROFESSOR INDRIN CHETTY
MEDICAL PHYSICS

HSUN-JEN CHUANG,
B.SC 2005, CHINESE CULTURE UNIVERSITY; M.SC 2011, WESTERN ILLINOIS UNIVERSITY
DISSERTATION: “TWO-DIMENSIONAL LOW-RESISTANCE CONTACTS FOR HIGH PERFORMANCE WSE2 AND MOS2 TRANSISTORS.”
DISSERTATION ADVISOR: PROFESSOR ZHIXIAN ZHOU
PHYSICS

SHELYTIA COCROFT,
BA 1998, UNIVERSITY OF ILLINOIS AT CHICAGO; MA 2005, DEPAUL UNIVERSITY
DISSERTATION: “COGNITIVE HEALTH AND AFRICAN AMERICAN ELDERS STUDY: KNOWLEDGE, ATTITUDES AND PRACTICES.”
DISSERTATION ADVISOR: PROFESSOR JANET HANKIN
SOCIOLOGY

REBECCA COLES,
BS 2007, MS 2012, WAYNE STATE UNIVERSITY
DISSERTATION: “AN AUTOMATED SYSTEM TO MEASURE THE QUANTUM EFFICIENCY OF CCDS FOR ASTRONOMY.”
DISSERTATION ADVISOR: PROFESSOR DAVID CINABRO
PHYSICS

GURPINDER SINGH DHALIWAL,
B.TECH 2006, PUNJAB TECHNICAL UNIVERSITY; M.SC 2010, WAYNE STATE UNIVERSITY
DISSERTATION: “STATIC AND DYNAMIC BEHAVIOR OF CARBON FIBER REINFORCED ALUMINUM (CARALL) LAMINATES.”
DISSERTATION ADVISOR: PROFESSOR GOLAM NEWAZ
MECHANICAL ENGINEERING

TODD DOLLAR,
BA 2008, OAKLAND UNIVERSITY; MA 2011, WAYNE STATE UNIVERSITY
DISSERTATION: “PERSON-LEVEL PREDICTORS OF BULLYING AND BYSTANDER BEHAVIORS OF MIDDLE SCHOOL STUDENTS.”
DISSERTATION ADVISOR: PROFESSOR BARRY MARKMAN
EDUCATIONAL PSYCHOLOGY

RUSSELL D’SOUZA,
B.SC 2003, ST. XAVIER’S COLLEGE; M.SC 2007, YCM OPEN UNIVERSITY
DISSERTATION: “INVESTIGATION OF MUTATIONS IN NUCLEAR GENES THAT AFFECT THE ATP SYNTHASE.”
DISSERTATION ADVISOR: PROFESSOR SHARON ACKERMAN
BIOCHEMISTRY AND MOLECULAR BIOLOGY

RAJENDRA DULAL,
MS 2010, UMASS BOSTON; MA 2011, WESTERN ILLINOIS UNIVERSITY; MA 2013, WAYNE STATE UNIVERSITY
DISSERTATION: “THE COST AND TECHNICAL EFFICIENCY OF NURSING HOMES: DO FIVE-STAR QUALITY RATINGS MATTER?”
DISSERTATION ADVISOR: PROFESSOR ALLEN GOODMAN
ECONOMICS

REBECCA EARLY,
BA 2006, ALBION COLLEGE; MA 2013, WAYNE STATE UNIVERSITY
DISSERTATION: “THE USE OF PERSONALITY PROFILING AS A MEANS TO ASSESS PERSON-ORGANIZATIONAL FIT TO INFORM PERSONNEL DECISIONS.”
DISSERTATION ADVISOR: PROFESSOR BORIS BALTES
PSYCHOLOGY

LEVI EKANGER,
BS 2012, NORTHERN MICHIGAN UNIVERSITY
DISSERTATION: “EUROPIUM(II)-CONTAINING COMPLEXES FOR RESPONSIVE MAGNETIC RESONANCE IMAGING.”
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DISSERTATION: “AFFECTIVE DISSONANCE:  
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DISSERTATION: “ROBUSTNESS AND POWER  
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EVALUATION AND RESEARCH

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DISSERTATION: “A NEW THREE-  
DIMENSIONAL (3D) PARTICLE  
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APPLICATIONS IN STRONG FIELD STUDIES  
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GENERATION BY OXIDIZED DOPAMINE  
METABOLITES: IMPLICATIONS IN  
PARKINSON’S DISEASE.”  
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BIOLOGICAL SCIENCES

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DISSERTATION: “A SCALABLE SOLUTION  
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DISSERTATION: “EXAMINATION OF MICROSYSTEM AND INTRAPERSONAL VARIABLES ASSOCIATED WITH ACADEMIC ACHIEVEMENT IN MIDDLE SCHOOL.”
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DISSERTATION: “ANALYSIS OF THE SECONDARY NEURODEGENERATIVE CONSEQUENCES OF PRIMARY OLIGODENDROCYTE STRESS THROUGH THE USE OF THE NOVEL OBIDEN MOUSE MODEL.”
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DISSERTATION: “THE EFFECT OF OIL PALM PHENOLICS (OPP) ON PANCREATIC DUCTAL ADENOCARCINOMA (PDAC) IN TRANSGENIC MOUSE MODEL.”
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DISSERTATION: “ACTUATION OF DROPLETS USING TRANSPARENT GRAPHENE ELECTRODES FOR TUNABLE LENSES AND BIOMEDICAL APPLICATIONS.”

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DISSERTATION: “EXPLORING THE PHYSICS OF PROTEINS AT MOLECULAR LEVEL BY NEUTRON AND X-RAY SCATTERING.”
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DISSERTATION: “PROXIMATE AND EVOLUTIONARY INSIGHTS INTO THE EPIGENETICS OF POSTTRAUMATIC STRESS DISORDER.”
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DISSERTATION: “HUMAN-MACHINE
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DISSERTATION: “GETTING OLD AT THE
TOP: THE ROLE OF AFFECTIVE ABILITIES
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DISSERTATION: “EVOLVING CLUSTERING
ALGORITHMS AND THEIR APPLICATION FOR
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GUARANTEES AND PRICE MATCHING
GUARANTEES CREATED EQUAL:
EXAMINING THE EFFECTS OF DIFFERENT
TYPES OF PRICE GUARANTEES ON
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DISSERTATION: “REPUBLICAN FEMINISTS
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FOR THE SENSIBLE CENTER IN MICHIGAN
– 1968 TO 1984.”
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DISSERTATION: “PATHETIC POLITICS:
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DISSERTATION: “REMOTE
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EFFICACY OF CARDIOPROTECTION IN
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DISSERTATION: “SELF-EFFICACY:
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DISSERTATION: “HYPOXIC STRESS AND
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TROPHOBLAST STEM CELLS, OPTIMIZATION
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