“Before you can make a dream come true, you must first have one.”

— RONALD MCNAIR
Dyani Acosta – University of Minnesota
Major: Political Science and Chicano & Latino Studies
“The Influence Mexicans and Mexican Americans Have on Rural Minnesota”
Mentor: Dr. Jimmy Patino, Department of Chicano & Latino Studies

Aysia Dukes – University of Minnesota
Major: Sociology, Law, Criminology, and Deviance
“Sentencing Disparities in Minnesota, 2001-2019”
Mentor: Dr. Christopher Uggen, Department of Sociology

Sher Moua – University of Minnesota
Major: Family Social Science
“Parental Involvement of Hmong Immigrants in Their Children’s Education at Home”
Mentor: Dr. Zha Blong Xiong, Department of Family Social Science

Jasmin Sanchez – University of Minnesota
Major: Psychology
“Associations Among Critical Consciousness (CC), Discrimination, and Physical and Mental Health During the COVID-19 Pandemic”
Mentor: Dr. Richard P. Douglass, Department of Psychology

Hanan Ahmed – University of Minnesota
Major: Biology
“Do We All Have the Same 24 Hours?”
Mentor: Dr. Elizabeth Wrigley-Field, Department of Sociology

Emma Estrella – University of Minnesota
Major: Psychology
“A Scoping Review of Gender-Based Public Harassment in the United States”
Mentor: Dr. Patricia A. Frazier, Department of Psychology

Carter Sellner – University of Minnesota
Major: Genetics, Cell Biology, & Development
“Transcriptional vs Protein-Level Regulation of the Src-Family Kinases LynA and LynB”
Mentor: Dr. Tanya Friedman, Center for Immunology

Muna Bishar – University of Minnesota
Major: Health Service Management
“Perceptions of Childhood Abuse Among Psychologists, Students, and the General Public”
Mentor: Prof. Viann Nguyen-Feng, Department of Psychology (University of Minnesota, Duluth)

Lisette Home – University of Minnesota
Major: Psychology, Spanish
“Disclosing Relationship Wrongdoing: The Role of Confidants”
Mentor: Dr. Marti Hope Gonzales, Department of Psychology

Patrick E. Nolan – University of Minnesota
Major: Sociology of Law, Criminology, and Deviance
“Correctional Officer (Un)Wellness - An International Analysis”
Mentor: Dr. Christopher Uggen, Department of Sociology

Yanai Sun – University of Minnesota
Major: Computer Science
“Is There a Relation Between COVID-19 School Closures and Childcare Usage or Young Children?”
Mentor: Dr. Daniel Berry, Institute of Child Development

Zane Crabtree – University of Minnesota
Major: Neuroscience and Psychology
“The Role of Caspase-2 in Long-term Depression and Neurodegenerative Diseases”
Mentor: Dr. Karen Hsiao Ashe, Department of Neurology

Linda Lubi – University of Minnesota
Major: urban Studies and Sociology
“Impact of Gentrification in Minneapolis and Saint Paul Between the Years 2000-2019”
Mentor: Dr. Edward Goetz, Hubert H. Humphrey School of Public Affairs

Dalton Piotter – University of Minnesota
Major: Microbiology, Genetics, Cell Biology, and Development (GCD), and Plant and Microbial Biology (PMB)
“Centromere Orientation and Genomic Instability of Candida Albicans”
Mentor: Dr. Anna M. Selmecki, Twin Cities Medical School

Maria Xiong – University of Minnesota
Major: Family Social Science
“Personal/Group Discrimination Discrepancy: Worry About Discrimination Among Asian Americans During COVID-19”
Mentors: Dr. Richard M. Lee, Department of Psychology

Quynh Nhu Dao – University of Minnesota
Major: Developmental Psychology
“Academic Achievement in Triracial Adoptees: The Role of Emotion Regulation, Parental Involvement, and Diversity in the Classroom”
Mentor: Dr. Megan A. Gunnar, Institute of Child Development

Jennifer Meraz Barrera – Hamline University
Major: Speech-Language-Hearing Sciences
“Anti-Reflux Formulas: The Effects of Warming on Thickening Attributes”
Mentor: Dr. Katlyn McGratten, Department of Speech-Language-Hearing Sciences

Kathy Zamarripa – University of Minnesota
Major: Family Social Science
Mentor: Dr. Zha Blong Xiong, Department of Family Social Science

Maria Zavala Garcia – University of Minnesota
Major: Political Science
“How Judges of the Inter-American Court of Human Rights Express Dissent: An Analysis of Separate Judicial Speech”
Mentor: Dr. Cosette D. Creamer, University of Minnesota Law School
Serena L. Armstrong – University of Minnesota
Major: Sociology of Law, Criminology, and Deviance & Psychology
“Examining How Racial-Ethnic Socialization Transcends Beyond Socioeconomic Status: K.I.D.S PROJECT”
Mentor: Dr. Teresa Swartz, Department of Sociology

Nautica Flowers – University of Minnesota
Major: African American and African Studies
“Misogynoir in the Classroom: A Literature Review on the Experiences of Black Girls in Schools”
Mentor: Dr. Keith Mayes, African American and African Studies

Alonso E. Galvan-Ochoa – University of Minnesota
Major: Psychology
“Measuring Adolescent Stress in Times of COVID-19”
Mentor: Dr. Kathleen Thomas, Institute of Child Development

Quan Guan – University of Minnesota
Major: Electrical Engineering
“Sleep Apnea Detector with Polyvinylidene Fluoride File Sensor and Bluetooth Low Energy”
Mentor: Dr. John Sartori, Electrical and Computer Engineering Department

Chloe Hendrix – University of Minnesota
Major: Developmental Psychology
“Examining the Relationship between Race, Ethnicity, and Self-Efficacy in STEM for Middle School Students”
Mentor: Dr. Keisha Varma, Department of Educational Psychology

Lillie Lee – University of Minnesota
Major: Family Social Science
“Embroidering Collaboration between University, Community, and School: Using the Hmong Children’s Longitudinal Study as an Example”
Mentor: Dr. Zha Blong Xiong, Department of Family Social Science

Emma J. Otremba – University of Minnesota
Major: Youth Studies
“‘Uncertain but Hopeful’: Early Childhood Family Educators’ Perspectives on COVID-19 Virtual Instruction”
Mentor: Dr. Susan K. Walker, Department of Family Social Science

Ethan R. Partida – University of Minnesota
Major: Mathematics & Computer Science
“Symmetry of a Pastry: A Mathematical Investigation into the Braid Group”
Mentor: Prof. Vic Reiner, School of Mathematics

Arleth Pulido-Nava – University of Minnesota
Major: Sociology of Law, Criminology and Deviance
“Lost Latinx Voters: Preliminary Estimates of Latinx Felony Disenfranchisement in 2020”
Mentor: Dr. Christopher Uggen, Department of Sociology

Breanna D. Rivera-Kloepel – University of Minnesota
Major: Family Social Science
“Relationship Between Self-Care and Compassion Fatigue in Mental Health Professionals: A Critical Review”
Mentor: Dr. Tai Mendenhall, Department of Family Social Science

Khalique Rogers – University of Minnesota
Major: Business and Marketing Education
“Understanding Research Evidence Use in the Context of State Education Policy”
Mentor: Dr. Matthew Weber, Hubbard School of Journalism and Mass Communication

Jacob A. Smiley – University of Minnesota
Major: History
“East-Central European Contributions to Making History While Young and Female”
Mentor: Dr. M.J. Maynes, Department of History

Emame Thompson-Eja – University of Minnesota
Major: Psychology
“Correlates of Concealment and Disclosure among People of Color Sexual Minorities: A Literature Review”
Mentor: Dr. Richard P. Douglass, Department of Psychology

Yeng Vang – University of Minnesota
Major: ?
“?”
Mentor: Prof. Marc F. Bellemare, Department of Applied Economics

Maddie Westenberg – University of Minnesota
Major: Biochemistry
“A Stochastic Model of Cell-free Protein Synthesis Using the PURE System”
Mentor: Dr. Kate Adamala, Department of Genetics, Cell Biology, and Development

Mai Kao Xiong – University of Minnesota
Major: Family Social Science
“Hmong Americans’ Attitudes Towards Traditional Funerals and Accounts of the Cost of Putting a Funeral Together”
Mentors: Dr. Zha Blong Xiong, Department of Family Social Science

Saulkdi Yangh – University of Minnesota
Major: Sociology
“Beyond Demographics: Extracurricular Activities and Southeast Asian American Identity”
Mentor: Dr. Teresa Swartz, Department of Sociology

Raniya Yimam – Hamline University
Major: Public Health & Global Studies
“Food Insecurity on Racial Disparity”
Mentors: Dr. Jamie Slaughter-Acey, Division of Epidemiology and Community Health

Kathy Zamarripa – University of Minnesota
Major: Conservation Biology
“Variable Impacts of Invasive Zebra Mussels on Native Fishes”
Mentor: Dr. Gretchen J. A. Hansen, Department of Fisheries, Wildlife, and Conservation Biology

Bruktawit Zewdie – University of Minnesota
Major: Health and Wellness
“Prospective Study on Childhood Emotional Abuse and Health Outcomes”
Mentor: Dr. Viann Nguyen-Feng, Department of Psychology (University of Minnesota - Duluth)
Aaisha Abdullahi – Hamline University
Major: Exercise Science & Philosophy
"Are We Equal? The Unique Challenges of Extracurricular Activities for Muslim Youth in the U.S."
Mentor: Dr. Douglas Hartmann, Department of Sociology

Alexis Bartelt – St. Catherine’s University
Major: Sociology
"Report and Analysis of Race in Children’s Extracurricular Activities"
Mentor: Dr. Teresa Swartz, Department of Sociology

Milena Cornejo – University of Minnesota
Major: Psychology
“The Protective Role of Hispanic Ethnicity on the Relationship Between Stress and Executive Functioning in Preschool-Aged Children”
Mentor: Dr. Megan Gunnar, Institute of Child Development

Calvin Duong – University of Minnesota
Major: Speech Language Hearing Sciences
"Assessing the Need for Improving Access to Hearing Healthcare Services among Infants Born to Women in Prison”
Mentor: Dr. Rebecca Shlafer, Department of Pediatrics

Yaren Euceda Mejia – University of Minnesota
Major: Computer Engineering & Mathematics
“Counting Metaplectic Ice and Modified Alternating Sign Matrices”
Mentor: Dr. Ben Brubaker & Claire Frechet M.S. (Ph.D. candidate), School of Mathematics

Samantha Gadow – University of Minnesota
Major: Psychology
“Maternal Macronutrients Across Pregnancy: Impacts on Fetal Growth Trajectories”
Mentor: Dr. Megan Gunnar, Institute of Child Development

Nayelli Guerrero – University of Minnesota
Major: American Studies
“Racial Impact of Monetary Sanctions in Minnesota”
Mentor: Dr. Christopher Uggen, Department of Sociology

Sierra Hamernick – University of Minnesota
Major: Genetics, Cell Biology & Development
“Identification of Festuca ovina taxa through ploidy level estimation and genome size measurement”
Mentor: Dr. Florence Sessoms, Department of Horticultural Science

Anna Heinz – University of Minnesota
Major: Child Psychology
“Teacher Relationships in Children at Risk Due to Homelessness”
Mentor: Dr. Ann Masten, Institute of Child Development

Amina Hussein – University of Minnesota
Major: Genetics, Cell Biology & Development
“Defining the Spatiotemporal Expression of Contactin-3 and Dispatched-3 in Chick Embryos”
Mentor: Dr. Laura Gammill, Department of Genetics, Cell Biology, and Development

Lemlem Jeldo – University of Minnesota
Major: Family Social Science
“Confidential Sexual and Reproductive Health Services Based on Parent and Adolescent Responses”
Mentor: Dr. Renee Sieving, School of Nursing

Yoojyim Moua – University of Minnesota
Major: Kinesiology
“Measures of Physical Activity Among Children”
Mentor: Dr. Daheia Barr-Anderson, School of Kinesiology

Ianna Oatis – University of Minnesota
Major: Global Studies
“Understanding the Higher Education Movement: Making Connections between Race, Universities, and Historical Injustices”
Mentor: Dr. Yuichiro Onishi, Department of African American & African Studies

Muna Osman – University of Minnesota
Major: Psychology
“Educating Somali Parents on Healthy Child Development through m-Health Communication”
Mentor: Dr. Richard Lee, Department of Psychology

Dante Rogers – University of Minnesota
Major: Psychology
“Antipriming in Spoken Word Recognition”
Mentors: Dr. Chad Marsolek, Department of Psychology

Jessica Sanchez – University of Minnesota
Major: Family Social Science
“The Implementation and Evaluation of Financial Education Curriculum for Karen Young Adult Refugees”
Mentor: Dr. Catherine Solheim, Department of Family Social Science

Yosan Tsegai – University of Minnesota
Major: Kinesiology
“Exploring Measures of Balance and Cardiovascular Health in a Dance Style Leisure Program for Adults with Down Syndrome and Related Disorders”
Mentors: Dr. Patricia Schaber, Department of Occupational Therapy

Salamong Xiong – Macalester College
Major: Physics & Philosophy
“SuperCDMS: Energy Calibration of a Ge HV Particle Detector Using Radioactive Sources”
Mentor: Dr. Vuk Mandic, School of Physics & Astronomy

Chue Yang – University of Minnesota
Major: Plant Science
“Evaluating the Growth of Spring Planted Pea Varieties”
Mentor: Dr. Adria Fernandez, Department of Agronomy & Plant Genetics
Keegan Bunker – University of Minnesota
Major: Aerospace Engineering & Mechanics with minors in Math, Computer Science, and Astrophysics
“Helmholtz Coil Testbed Design for Hardware-in-the-loop Testing of CubeSat Satellite Attitude Determination and Control Systems”
Mentor: Demoz Gebre-Egziabher, Dept. of Aerospace Engineering and Mechanics

Yadira Damazo – University of Minnesota
Major: Sociology with a minor in social justice
“Gentrification as Structural Violence: A Critical Literature Review”
Mentor: Yuichi Onishi, Dept. of African American & African Studies

Mark Dresel – University of Minnesota
Major: Chemistry
“Exploration of Binding Moieties of Lanthanide Complexes and Its Effects on Anion Affinity”
Mentor: Valérie C. Pierre, Dept. of Chemistry

Muzamil Ibrahim – University of Minnesota
Major: Youth Studies
“Playing Indian: Dehumanization or development?”
Mentor: Katie Johnston-Goostar, School of Social Work

Kania Johnson – University of Minnesota
Major: Family Social Science
“Getting Close to Inequities: Inequality Experts’ Proximity to the Communities They Serve”
Mentor: Chris Uggen, Dept. of Sociology

Kimberly Knourek – University of Minnesota
Major: Child Psychology with a minor in Family Social Science “Effects of Parent Stress and Distress on Parenting Quality and Child Behavior”
Mentor: Ann S. Masten, Institute of Child Development

Taylor Westfall-McCoy – University of Minnesota
Major: Psychology
“Effect of β-Hydroxy-β-methylbutyrate on Proteolysis via Ubiquitination in Equine Skeletal Muscle Cells Using Western Blot Techniques”
Mentor: Cheryl A. Olman, Department of Psychology

Cristal Mercado – University of Minnesota
Major: Special Education
“Commercial Card Games Improve Middle School Students’ Executive Functioning”
Mentor: Keisha Varma, Dept. of Educational Psychology

Julissa M. Molina-Vega – Macalester College
Major: Biochemistry with a minor in Chemistry
“Eicosanoid Regulation of the Nuclear Pore Complex in Breast Cancer”
Mentor: David Potter, Dept. of Medicine, Division of Hematology, Oncology, and Transplantation

Samantha Mussehl – University of Minnesota
Major: Kinesiology
“Immersion Status in Soleus Muscle Post Hemorrhagic Stroke”
Mentor: LeAnn Snow, Dept. of Rehabilitation Medicine

Ming-Uyen Nguyen – University of Minnesota
Major: Biomedical Engineering
“Development of a Single Cell Mechanical Characterization Platform”
Mentor: David K. Wood, Dept. of Biomedical Engineering

Salma Noor – University of Minnesota
Major: Nutrition with a minor in Public Health
“The Role of Prebiotics and Probiotics in the Oral Microbiota”
Mentor: Joanne Slavin, Dept. of Food Science & Nutrition

Luis Ramirez – University of Minnesota
Major: Physiology
“Selective N-Terminal BET-Family Bromodomain Inhibitor Development by Targeting the ZA-Channel of BRD4”
Mentor: William Pomerantz, Dept. of Medicinal Chemistry

Nahrissa I. Rush – University of Minnesota
Major: Sociology with a minor in comparative U.S. race and ethnicity
“Choices by Default? Opportunities and Constraints for Families of Color in Youth Activities”
Mentor: Douglas Hartmann, Dept. of Sociology

Zerbine Atosha Rypa – University of Minnesota
Major: Sociology and Law & Crime Deviance
Mentor: Michael Walker, Dept. of Sociology

Sandra Taylor – Carleton College
Major: Psychology with a minor in Neuroscience
“The Effect of Texture in Surround Suppression”
Mentor: Cheryl A. Olman, Department of Psychology

Taylor Westfall-McCoy – University of Minnesota
Major: Animal Science
“Effect of β-Hydroxy-β-methylbutyrate on Proteolysis via Ubiquitination in Equine Skeletal Muscle Cells Using Western Blot Techniques”
Mentor: Marcia R. Hathaway, Dept. of Animal Science

Salamong Xiong – Macalester College
Major: Physics and Philosophy
“Optical Characteristic Measurements of Crystalline Silicon (c-Si)”
Mentor: Shaul Hanany, School of Physics and Astronomy
Firdavs Abzhabarov – University of Minnesota
Major: Life Sciences, Psychology, Communication Studies
"Creation, Transfection, and Verification of HDAC4-GFP Lentiviral Construct"
Mentor: Kim Mansky, School of Dentistry

Kamilah Amen – University of Minnesota
Major: Chemistry & Bioproducts Engineering
"Alteration of Oligodendrocyte Functional Mechanics By Neurodegenerative Disease"
Mentor: Patrick Alford, Dept. of Biomedical Engineering

Zack Crowley – University of Minnesota
Major: Psychology
The Interaction of Economic Inequality and Authoritarianism on Voter Preference During the 2016 Presidential Election
Mentor: Howard Lavine, Department of Political Science

Laura Dédé d'Almeida – University of Minnesota
Major: Global Studies
"Learning and Empowerment: A Social Network Analysis of Fellowship Participants"
Mentor: Christopher Johnstone, Department of Organizational Leadership, Policy & Development

Brandon C. Hyde – University of Minnesota
Major: Statistics
"Evaluating Methods to Identify Introgressed Regions"
Mentor: Yaniv Brandvain, Dept. of Plant & Microbial Biology

Austin Leikvoll – University of Minnesota
Major: Genetics & Cell Biology and Development
"Developing a Muscle Tissue Construct Using 3D Bioprinting"
Mentor: Angela Panoskaltsis-Mortari, Dept. of Pediatrics

Kayne Lussier – University of Minnesota
Major: Early Childhood Education
"Development of IGDI Assessments for 3-Year-Olds and Review of Literacy Interventions"
Mentor: Scott McConnell, Dept. of Educational Psychology

Nicole A. Lynn – California State Polytechnic University, Pomona
Major: Biotechnology
"The Effect of Saturated Fatty Acid on Immune Metabolism in Microglia"
Mentors: Tammy Butterick, Dept. of Food Science & Nutrition; Jill Adler, Dept. of Biological Sciences

Mallory Mintz – Carleton College
Major: Geology
"Tracing Sediment Source Responses to Water Infrastructure Development and Management in Medicine Lake National Wildlife Refuge, Montana"
Mentors: Amy Myrbo, Dan Maxbauer, & Mark Shaplen, Department of Earth Sciences

Nahom Məssazghi – University of Minnesota
Major: Neuroscience
"Cranial Prostheses for Chronic, Pan-Cortical Two-Photon Imaging in Behaving Mice"
Mentor: Suhasa Kodandaramaiah, Dept. of Mechanical Engineering

Aarinola Esther Okelola – University of Minnesota
Major: Elementary Education Foundations
"Discipline Practices and Racial Equity in Schools: Mapping Restorative Justice in Minnesota Schools"
Mentor: Catherine Squires, Dept. of Communication Studies

Mary K. Onchiri – University of Minnesota
Major: Family Social Science & Psychology
"The Effect of Social Conditions on Psychological Distress in Minneapolis Neighborhoods"
Mentor: Richard Lee, Department of Psychology

Susan Phetsamone – University of Minnesota
Major: Sociology & Family Social Science
"Youth: Threats to Communities vs Rising Stars"
Mentor: Teresa Swartz, Department of Sociology

Tyra Reed – University of Minnesota
Major: Psychology
"The Effects of Skin Color on Health: Trends from the General Social Survey"
Mentor: Samuel Myers, Jr., Humphrey School of Public Affairs

Brenda Sanchez Murillo – University of Minnesota
Major: Sociology
"Evaluating Probation Experiences"
Mentor: Michelle Phelps, Department of Sociology

Gao Thor – Macalester College
Major: Psychology
"A Tale of Two Central Graduates 20 Years Apart: A Collaborative Autoethnography on College Access"
Mentor: Na'im Madyun, Dept. of Organizational Leadership, Policy & Development

Chen Vue – University of Minnesota
Major: Family Social Science
"Influence of Parental Involvement on Hmong Children's Academic Performance"
Mentor: Zha Blong Xiong, Dept. of Family Social Science

Taylor Westfall-McCoy – University of Minnesota
Major: Animal Science & History of Science and Technology
"Cold Plasma for Decontamination of Chicken Breast, Romaine Lettuce, & Stainless Steel Surfaces from Multi-Drug Resistant Salmonella Enterica Serovar Heidelberg"
Mentor: Sagar Goyal, College of Veterinary Medicine

Halimo Yusuf – University of Minnesota
Major: Psychology
"The Relationship between Stress and Academic Performance in Community College Students"
Mentor: Lisa Meredith, Department of Psychology

Fralinda Zazay – University of Minnesota
Major: Psychology
"Resilience in Children Experiencing Homelessness: Preschool Attendance and Later Academic Success"
Mentor: Ann Masten, Institute of Child Development
Karen Bonfil-Ruíz – University of Minnesota
Major: Sociology
“Healthcare Legal Partnerships Needs Assessment”
Mentor: Eileen Weber, School of Nursing

Javaris Bradford – University of Minnesota
Major: Sociology
“3 Strikes & Racial Disparities in Incarceration”
Mentor: Samuel Myers, Humphrey School of Public Affairs

Sokamarint Chak – University of Minnesota
Major: Microbiology & Medical Laboratory Science
“Hydrothermal Carbonization Conversion of Agricultural Residues to Value-Added Products”
Mentor: Ken Valentas, Biotechnology Institute

Danielle B. Cotton – University of Minnesota
Major: Family Social Science
“Intersections of Racialized Experiences and Psychosocial Development for Black Undergraduates at a Predominately White Institution”
Mentor: Tabitha Grier-Reed, Department of Family Social Science

Corey Culver – University of Minnesota
Major: Sociology
“Police Strength and Crime Rates”
Mentor: Elizabeth Boyle, Department of Sociology

Aracely C. Duerkop – University of Minnesota
Major: Nursing
“Non-pharmacological Interventions for Latinos with Alzheimer’s Disease and their Family Caregivers”
Mentor: Joseph Gaugler, School of Nursing

Victoria Y. Iidowu – University of Minnesota
Major: Speech-Language-Hearing Sciences
“Ripple Perception in Musicians Compared to Non-Musicians: Effects of Bandwidth and Intensity”
Mentor: Evelyn Davies-Venn, Department of Speech-Language-Hearing Sciences

Ana V. Lozano – University of Minnesota
Major: Family Social Science
“Disrupting the Effects of Parental Math Anxiety: How Parental Expectations and Involvement Matter for Children’s Mathematical Outcomes”
Mentor: Rose Vukovic, Department of Educational Psychology

Saida Mahamud – University of Minnesota
Major: Global Studies
“The Effect of Citizenship Status and Nativity on Minimum Wage Coverage among Black Workers in Minnesota”
Mentor: Samuel Myers, Humphrey School of Public Affairs

Fadumo Mohamed – University of Minnesota
Major: Elementary Education
“Insights into the Academic Language Learning of Somali Elementary Students”
Mentor: Lori Helman, Department of Curriculum & Instruction

Lydia Negussie – University of Minnesota
Major: Sociology of Law
“Performing Masculinity: Examining Men’s Experiences of Gender Based Violence”
Mentor: Gabrielle Ferrales, Department of Sociology

Ryan Nguyen – University of Minnesota
Major: Medical Laboratory Science
“Virulence profiles of non-typhoidal Salmonella strains of avian, bovine and porcine origins”
Mentor: Sinisa Vidovic, Department of Veterinary Science

Dorothy O’Berry – University of Minnesota
Major: Business & Marketing Education
“The Impact of Narrative Pedagogy on Student Learning”
Mentor: Rashné Jehangir, Department of Organizational Leadership, Policy & Development

Jackie Penalva – University of Minnesota
Major: Mathematical Biology: Physiology
“A Mathematical Model to Simultaneously Calculate Growth and Death Rates of Cells Undergoing Oxidative Stress”
Mentor: Meri Firpo, Division of Diabetes, Endocrinology & Metabolism

Vilma Quito Fernandez – University of Minnesota
Major: Business & Marketing Education
“Money Management & Technology: Financial Practices of College Students”
Mentor: Virginia Zuiker, Department of Family Social Science

Chris Vang – University of Minnesota
Major: Youth, Holistic Health & Healing, & Leadership Studies
“Parent Participatory Action Research Curriculum Draft”
Mentors: Michele Allen, Department of Family Medicine & Community Health; Luis Ortega and Shannon Pergamont, Somali, Latino and Hmong Partnership for Health and Wellness (SoLaHmo)

Kee Vang – Metropolitan State University
Major: Business Administration
“The Effect of Minority Faculty Representation on McNair Program Success Rate, 2010-2014”
Mentor: Samuel Myers, Humphrey School of Public Affairs

Ricky Vang – University of Minnesota
Major: Family Social Science
“The Relationship between Educational Attainment and Financial Management”
Mentors: Cathy Solheim & Veronica Deenanath, Department of Family Social Science

Jayson Watkins – University of Minnesota
Major: Sport Management & Psychology
“Parent Understanding of and Involvement in Organized, Out-of-School Youth Activities”
Mentor: Douglas Hartmann, Department of Sociology

Sim (Net) Youk – University of Minnesota
Major: Biology, Society, & Environment
“The Association Between U.S. Patients’ Household Income & Medication Experiences”
Mentor: Jon C. Schommer, Department of Pharmaceutical Care & Health Systems
Sahaam Abdi - University of Minnesota
Major: Linguistics
“Individual Differences in the Acquisition of the /s/ and Contrast: A Study of Adults’ Perception of Child Speech”
Mentor: Benjamin Munson, Ph.D., Department of Speech, Language and Hearing Sciences

Noussaiba Ayour - University of Minnesota
Major: Biology, Society and Environment
“Intimate Partner Violence and Weight Gain in Young Women”
Mentor: Susan Mason, Ph.D., School of Public Health

Karimantou Bah - University of Minnesota
Major: Biochemistry
“Microglia Response to Fatty Acid Binding Protein-UCP2 Axis in Facilitating Neuroinflammation”
Mentor: Tammy Butterick, Ph.D. Dept. of Food Science and Nutrition

Wendy Chu - Macalester College
Major: Psychology
“Exploring the Construct Validity of Letters of Recommendation in Graduate Admissions: The Hidden ’Uknowns’ Within”
Mentor: Nathan Kuncel, Ph.D., Department of Psychology

Kayla Cory - University of Minnesota
Major: Kinesiology
“Effects of Yoga on Blood Pressure, Stress and Physical Activity in Overweight, African-American Women”
Mentor: Daheia J. Barr-Anderson, Ph.D., School of Kinesiology

Bailey Galloway - St. Catherine University
Major: American Sign Language Interpreting
“American Sign Language: Monitoring Student Progress”
Mentor: Susan Rose, Ph.D., Dept. of Educational Psychology

Raúl Guzmán-Ayala - Carleton College
Major: Latin American Studies with a Certificate of Advanced Study in Spanish
“Achieving Goals: Role of Support and Structure for Latina/o Student Post-High School Goals”
Mentor: Michael C. Rodriguez, Ph.D., Dept. of Educational Psychology

Eileen Lee - University of Minnesota
Major: Health and Wellness/ICP
“A Mixed Methods Assessment of Family Influence on Weight-Related Behaviors among African-Americans”
Mentor: Daheia J. Barr-Anderson, Ph.D., School of Kinesiology

Lamin Manjang - University of Minnesota
Major: Health and Wellness/ICP
“These are hard questions: An Investigation of 6th Graders’ Developmental Abilities to Answer Survey Items”
Mentor: Barbara McMorris, Ph.D., School of Nursing: Division of Pediatrics and Adolescent Health

Hamza Mussé - University of Minnesota
Major: Political Science
“Growth in Black-Owned Businesses: Perceptions Versus Statistics”
Mentor: Samuel J. Myers, Ph.D., Humphrey School of Public Affairs

Sonia Paredes-Guaman - University of Minnesota
Major: Family Social Science
“Breaking Barriers in Ghana: Impact of Reproductive Health Curriculum and Cultural Activity Sessions on Adolescent Girls”
Mentor: Rose Vukovic, Ph.D., Dept. of Educational Psychology

Karimantou Bah - University of Minnesota
Major: Biochemistry
“Microglia Response to Fatty Acid Binding Protein-UCP2 Axis in Facilitating Neuroinflammation”
Mentor: Tammy Butterick, Ph.D. Dept. of Food Science and Nutrition

Wendy Chu - Macalester College
Major: Psychology
“Exploring the Construct Validity of Letters of Recommendation in Graduate Admissions: The Hidden ’Uknowns’ Within”
Mentor: Nathan Kuncel, Ph.D., Department of Psychology

Kayla Cory - University of Minnesota
Major: Kinesiology
“Effects of Yoga on Blood Pressure, Stress and Physical Activity in Overweight, African-American Women”
Mentor: Daheia J. Barr-Anderson, Ph.D., School of Kinesiology

Bailey Galloway - St. Catherine University
Major: American Sign Language Interpreting
“American Sign Language: Monitoring Student Progress”
Mentor: Susan Rose, Ph.D., Dept. of Educational Psychology

Eileen Lee - University of Minnesota
Major: Health and Wellness/ICP
“A Mixed Methods Assessment of Family Influence on Weight-Related Behaviors among African-Americans”
Mentor: Daheia J. Barr-Anderson, Ph.D., School of Kinesiology

Lamin Manjang - University of Minnesota
Major: Health and Wellness/ICP
“These are hard questions: An Investigation of 6th Graders’ Developmental Abilities to Answer Survey Items”
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Hamza Mussé - University of Minnesota
Major: Political Science
“Growth in Black-Owned Businesses: Perceptions Versus Statistics”
Mentor: Samuel J. Myers, Ph.D., Humphrey School of Public Affairs

Sonia Paredes-Guaman - University of Minnesota
Major: Family Social Science
“Breaking Barriers in Ghana: Impact of Reproductive Health Curriculum and Cultural Activity Sessions on Adolescent Girls”
Mentor: Rose Vukovic, Ph.D., Dept. of Educational Psychology

Shanel Perez - University of Minnesota
Major: Business and Marketing Education & Human Resource Development
“Rethinking Cultural Competence”
Mentor: Jarrett Gupton, Department of Organizational Leadership, Policy and Development

Bryan Polkey - University of Minnesota
Major: Nursing
“Medical-Legal Advocacy Screening Questionnaire: Evaluating Efficacy”
Eileen Weber, Ph.D., School of Nursing

Azira Rivera - University of Minnesota
Major: Mathematics
“Characterizing Indel Mutations in Arabidopsis thaliana as a Model for Compensatory Evolution”
Mentor: Yaniv Brandvain Ph.D., Department of Plant Biology

Dave Sukharan - University of Minnesota
Major: Microbiology
“Research Centers Struggling to Communicate: Social Media as a New Pathway”
Mentor: Sarah Axtell, Ph.D., Department of Family Social Science

Jonathon Swan - University of Minnesota
Major: Nutrition
“Beneficial Effects of Selenium on the Human Gut Microbiome”
Mentor: Joanne Slavin, Ph.D., Department of Food Science and Nutrition

Julie Vang - University of Minnesota
Major: Family Social Science
“Do They Think Alike? Immigrant First-Generation Students’ Decision and Parents’ Preferences for College Major and Career”
Mentors: Cathy Solheim, Ph.D., Department of Family Social Science & Veronica Deenanath, Department of Family Social Science

Gaozouapa Vue - University of Minnesota
Major: Youth Studies
“Livelihood Complexities in Kenya from the Perspectives on Youth Orphans”
Mentors: Christopher Johnstone, Ph.D. International Initiatives and Relations & Nancy Pellowski Wiger, Department of Organizational Leadership, Policy and Development

Hany Wahila - University of Minnesota
Major: Political Science
“A RADical Departure? The Redevelopment of Glendale Townhomes”
Mentor: Ryan P. Allen, Ph.D., Humphrey School of Public Affairs

Aaryn Wilson - University of Minnesota
Major: Plant Science
“Evaluation of a New Test to measure Soil Health”
Mentor: Carl Rosen, Ph.D., Department of Soil, Water and Climate
Arafat Akinlabi - Carleton College
Major: Chemistry
“Hydrothermal Synthesis of the Spinel Compound CuCo2S4”
Mentor: R. Lee Penn, Ph.D., Department of Chemistry

Nicholas Baird - University of Minnesota
Major: Psychology
“Measurement Matters: Effects of Measurement Error on One-Sample t-Tests”
Mentor: David Weiss, Ph.D., Department of Psychology

Luc Desroches - University of Minnesota, Duluth
Major: Mechanical Engineering
“Experimental Determination of Poisson’s Ratio for Asphalt Binder”
Mentors: Mihai Marasteanu, Ph.D. & Joa Liang Le, Ph.D., Department of Civil Engineering

Mariah Geiger - Macalester College
Major: International Studies
“Closing the Research Circle: Giving Back Results to the Community”
Mentor: Jean L. Forster, Ph.D., Department of Epidemiology

Amanda Geldert - University of Minnesota
Major: Child Psychology
“Family Reminiscence Across Generations”
Mentor: Steve Yussen, Ph.D., Institute of Child Development

Amber Jones - University of Minnesota
Major: African American & African Studies
"W. Gertrude Brown: A Case of Black Women’s Activism in Minnesota, 1920-1940”
Mentor: Yuichiro Onishi, Ph.D., Department of African American Studies

Jason Jones - University of Minnesota
Major: Biochemistry
“One Fungus, many hosts? Symbiosis between Daldinia loculata and its many plant hosts”
Mentor: Georgiana May, Ph.D., Department of Ecology, Evolution and Behavior

Lawrence Karongo - University of Minnesota
Major: Applied Economics
“The Production Black Ph.D.s. in Economics at Harvard University, 1905-1955”
Mentor: Samuel Myers, Ph.D., Humphrey School of Public Affairs

Jade Mathre - University of Minnesota
Major: Genetics, Cell Biology and Development & Plant Biology
“Geminivirus Delivery of CRISPR/Cas9 for Plant Genome Engineering”
Mentor: Dan Voytas, Ph.D., Department of Genetics, Cell Biology and Development

Mulki Naley - University of Minnesota
Major: Business & Marketing Education
“School choice: Factors Influencing Somali Immigrant Parents’ Choices for their Children”
Mentor: Karen Seashore, Ph.D., Department of Organizational Leadership, Policy and Development

Evita Sanchez - University of Minnesota
Major: Psychology
“Acculturative Stress, Self-esteem, and Emotional Well-being among Latina Adolescents”
Mentor: Carolyn Garcia, Ph.D., School of Nursing

Ambrosia Smith - University of Minnesota
Major: Biology, Society & Environment
“Neural Mechanisms of Drug Abuse in Females”
Mentor: Paul Mermelstein, Ph.D. & Luis Martinez, Ph.D., Department of Neuroscience

Mara Stommes - University of Minnesota
Major: Family Social Science & Communication Studies
“Mobile Health Technologies: A Critical Review of Literature”
Tai Mendenhall, Ph.D., Department of Family Social Science

Redeat Tibebu - University of Minnesota
Major: Horticulture
“The Role of Reactive Oxygen Species following Ultraviolet-B Irradiation”
Mentor: Gary Gardner, Ph.D., Department of Horticultural Science

Joe Vang - University of Minnesota
Major: Biology, Society & Environment
“Evaluation of Patient Oriented Drug to Drug Interactions Information Systems”
Mentor: Terrance Adam, Ph.D., Department of Pharmaceutical Care and Health

Jaleesa Wright - University of Minnesota
Major: Family Social Science
“Exposure to Incarceration-Related Events in a Sample of Children with Jailed Parents”
Mentor: Rebecca Schlafer, Ph.D., Department of Pediatrics

Crystal Yang - University of Minnesota
Major: Individualized Studies
“Lao Initiative for Eating Healthy: Making the Connections between Sodium Intake and Hypertension in the Lao Community”
Mentor: Cathy Solheim, Ph.D., Department of Family Social Science
Natisha Alicea – University of Minnesota  
Major: Child Psychology  
“Parenting Education and Support for Imprisoned Mothers”  
Mentor: Rebecca Shafer, Ph.D., Department of Pediatrics

Jade Beaclair – University of Minnesota  
Major: Youth Studies  
“Laboratory for Justice: A Contextual Analysis of Legal Experimentation and Pedagogy at Howard University Law School, 1929-1954”  
Mentor: Robert Poch, Ph.D., Department of Postsecondary Teaching and Learning

Jennie Chu – Carleton College  
Major: Geology  
“Evidence for Heat-Treatment of Stone Tools: Magnetic Mineralogy of Heated Chert”  
Mentor: Joshua Feinberg, Ph.D., Department of Earth Sciences

Lekie Dwanyen – University of Minnesota  
Major: Family Social Science  
“The Maternal Experiences of HIV-Positive Women”  
Mentor: Shonda M. Craft, Ph.D., Department of Family Social Science

Naima Farah – University of Minnesota  
Major: Family Social Science  
“If I Get Them, How Will I Financially Support Them: Challenges for Kinship Caregivers”  
Mentor: Priscilla Gibson, Ph.D., School of Social Work

Song Her – University of Minnesota  
Major: Family Social Science  
“Underrepresentation of Ethnic Minority Groups in Advance Counseling and Psychology”  
Mentor: Samuel Myers, Ph.D., Humphrey School of Public Affairs

Alyssa Holmes – University of Minnesota, Crookston  
Major: Equine/Animal Science  
“Yield and Preference of Annual Grasses Under Horse Grazing”  
Mentor: Krishna Martinson, Ph.D., Department of Animal Sciences

Kadir Hussein – University of Minnesota  
Major: Chemistry  
“Considering a Bacterial Model for Ecological Nanoparticle Toxicity”  
Mentor: Christy Haynes, Ph.D., Department of Chemistry

Ivan Ishkov – University of Minnesota  
Major: Electrical Engineering  
“Time Dependence of the Magnetic After Effect in Co/Pd Multilayer Thin Films”  
Mentor: Dan Dahlberg, Ph.D., School of Physics and Astronomy

Fanny Jimbo-Llapa – University of Minnesota  
Major: BIS: Family Social Science/Child Psychology/Public Health  
“(¡Encuentro! Teen-Parent Pilot Study- Recruitment & Retention”  
Mentor: Renee Sieving, Ph.D., School of Nursing

Yonatan Kebede – University of Minnesota  
Major: Biochemistry  
“Molecular Analysis of Centrosome in Mammalian Cells: Cep 15”  
Mentor: Ryoko Kuriyama, Ph.D., Department of Genetics

Anna Ma – University of Minnesota  
Major: Child Psychology  
“Essential Fine Motor Skills of Clinical Laboratory Science Professionals”  
Mentor: Peggy M. Martin, Ph.D., Occupational Therapy

Coriandre Moore – University of Minnesota  
Major: Psychology  
“Scandal: Checks, Constituents, and Consequences”  
Mentor: Marti Hope Gonzales, Ph.D., Department of Psychology

Phitsavath Nantharath – University of Minnesota  
Major: Business Marketing Education/Human Resource Development  
“But He Loves Me: Teens’ Perspective on Unhealthy vs. Healthy Relationships”  
Mentor: Sonya S. Brady, Ph.D., School of Public Health

Andrew Nauertz – University of St. Thomas  
Major: Biology  
“Antiviral Properties of Natural Extracts Against Feline Calici Virus, a Surrogate to Norovirus”  
Mentor: Sagar M. Goyal, Ph.D., Department of Veterinary Population Medicine

Tho Nguyen – University of Minnesota  
Major: Chemical Engineering/Chemistry/Mathematics  
“Synthesis and Optimization of Isopropyl Xanthic Anhydride: Reactions of Potassium Isopropyl Xanthate with Ethyl Chloroformate”  
Mentor: George Barany, Ph.D., Department of Chemistry

Nima Odowa – University of Minnesota  
Major: Biology/Society and Environment  
“Understanding the Role of Bone Morphogenic Proteins in MAPK Phosphatase-1 (MKP-1) Regulation During Osteoclastogenesis”  
Mentor: Kim Mansky, Ph.D., Department of Developmental and Surgical Sciences

Russel Peterson – Carleton College  
Major: History, Latin American Studies  
“Weaponized Art: Shining Path and Their Influences on Independent Peruvian Theater”  
Mentor: Luis A. Ramos-García, Ph.D., Spanish and Portuguese Studies

Keng Xiong – University of Minnesota  
Major: Family Social Science  
“Financial Strength and Challenges in Refugee Families”  
Mentor: Catherine Solheim, Ph.D., Department of Family Social Science

Mai Yang – University of Minnesota  
Major: Child Psychology  
“Validity of the Peg Tapping Measure of Executive Function in Early Childhood for Hmong Children”  
Mentor: Ann S. Masten, Ph.D., Institute of Child Development
<table>
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<tr>
<th>University of Minnesota McNair Scholars 2012</th>
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<tr>
<td><strong>Octavia Cheatom - University of Minnesota</strong></td>
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| Major: Kinesiology  
Invisible Pioneers: Exploring the Experiences of African American Female Athletes - A Digital Story  
Mentor: Jennifer A. Bhalla, Ph.D., School of Kinesiology |
| **Christopher Crump - University of Minnesota** |
| Major: Spanish & Portuguese Studies  
“Race” in Portuguese: Representations of Race in Brazilian Literature  
Mentor: Ana Paula Ferreira, Ph.D., Spanish & Portuguese Studies |
| **Gabriel De Los Rios - University of Minnesota** |
| Major: Neuroscience  
Energy Disorder & Obesity: Saturated Fatty Acid Induced Hypothalamic Neurodegeneration  
Mentor: Tammy Butterick, PhD., Food Science and Nutrition |
| **Linli Fung - University of Minnesota** |
| Major: Chemistry  
New Strategies to Treat Prescription Opioid Abuse  
Mentor: Marco Pravetoni, Ph.D., Dept. of Medicine |
| **Pertesia Gadson - University of Minnesota, Rochester** |
| Major: Health Sciences  
Perceptions of Healthy Partner and Relationship Characteristics among Adolescents  
Mentor: Dr. Sonya Brady, Ph.D., School of Public Health |
| **Bezaleel Gebru - University of Minnesota** |
| Major: Public Health and Environmental Sciences  
Potential Exposure to PFCs in the Hmong Community in the East Metro  
Mentor: Matt Simcik, Ph.D., Division of Environmental Health Sciences, School of Public Health |
| **Teddy Gustafson - University of Minnesota** |
| Major: Architecture  
Social Sustainability: Linking Affordable Housing Design and Resident Health  
Mentor: Billy Weber, Ph.D., School of Architecture |
| **Tierra Howard - University of Minnesota** |
| Major: Youth Studies  
Youth Work as a Contested Terrain: Perspectives from Youth Workers in African American Communities - Pilot Study  
Mentor: Ross VeLure Roholt, Ph.D., Youth Studies |
| **Jeweletter Johnson - Carleton College** |
| Major: Psychology  
Implicit Bias and the Cross-Race Effect  
Mentor: Eugene Borgida, Ph.D., Psychology and Law |
| **Biftu Khalif - University of Minnesota** |
| Major: Sociology/Child Psychology  
Coming of Age: A Look at 2nd Generation and US-Born Young Adults View of their Families  
Mentor: Teresa Swartz, Ph.D., Sociology and Asian American Studies |
| **Touhue Ly - University of Wisconsin, Stevens Point** |
| Major: Psychology  
Intergenerational Transmission of Hopelessness in Hmong American Families  
Mentor: Zha Blong Xiong, Ph.D., Dept. of Family Social Science |
| **Caprecia Matthias - University of Minnesota** |
| Major: Family Social Science  
Association of Parent Vagal Tone to Emotion Regulation During Military Reintegration: Possible Gender Differences  
Mentor: Abi Gewirtz, Ph.D., Dept. of Family Social Science |
| **Merone Melekin - University of Minnesota** |
| Major: Political Science  
The Deterrent Effect of Reverse Discrimination Litigation in Public Procurement and Contracting  
Mentor: Samuel Myers, Ph.D., Roy Wilkins Center for Human Relations and Social Justice |
| **Amy Neguse - University of Minnesota** |
| Major: Family Social Science  
Do Proximal Reasons for Homelessness Predict Observed Parenting in Shelters  
Mentor: Ann S. Masten, Ph.D., Institute of Child Development |
| **Gertude Ogega - University of Minnesota, Duluth** |
| Major: Psychology  
The Assessment of Ethical Behavior at Work  
Mentor: John Campbell, Ph.D., Dept. of Psychology |
| **Sign Ojulu - University of Minnesota** |
| Major: Global Studies/Economics  
Global Waste Trade: Informal Economic Practices of Southeast Asia  
Mentor: Vinay Gidwani Ph.D., Dept. of Geography and the Institute of Global Studies |
| **Kynesha Patterson - University of Minnesota** |
| Major: Youth Studies  
Culturally Relevant Pedagogy  
Mentor: Katie Johnston-Goodstar, Ph.D., Youth Studies |
| **Carlos Reyes - University of Minnesota** |
| Major: Mentor: Business and Marketing Education  
Competencies for Leaders in Education Versus other Industry Groups: Is Teresa Sullivan Right?  
Louis N. Quast, Ph.D., Dept. of Organizational, Leadership, Policy, and Development |
| **Bre Valle - University of Minnesota** |
| Major: Family Social Science  
Family Communications Project: Comparing Child Behavior Outcomes in Same-Sex ART Families and Heterosexual ART  
Mentor: Martha Rueter, Ph.D., Dept. of Family Social Science |
| **Xue Xiong - University of Minnesota** |
| Major: Youth Studies  
Experiences of Hmong Youth Workers: A Pilot Study to Understand Culturally Appropriate Practice  
Mentor: Michael Baizerman, Ph.D., Youth Studies |
Osman Ahmed - University of Minnesota
Major: Public Policy
The Experiences of Somali Meatpackers, the Case of Willmar, Minnesota
Mentor: Barbara Frey, J.D., Institute for Global Studies

Morgan Bobo - University of Minnesota
Major: Child Psychology
Association between Early Adversity and the Timing of the Transition to Parenthood
Mentor: W. Andrew Collins, Ph.D., Psychology

Tanya Bui - Carleton College
Major: Psychology
Gender Bias in Arbitration Decision-Making
Mentor: Eugene Borgida, Ph.D., Psychology

Cymone Fuller - University of Minnesota
Major: Sociology
Family Strain and the Desire to be ‘Good Men’ Among Former Juvenile Offenders
Mentor: Josh Page, Ph.D., Sociology

Nathaniel Gibbs - University of Minnesota
Major: Education Policy
Racial Disparities in Drowning
Mentor: Samuel Myers, Jr., Ph.D., Roy Wilkins Center of Human Relations and Social Justice

Aliya Jeylan - University of Minnesota
Major: Public Affairs
Beyond the First Year: The First Generation College Experience
Mentor: Rashné Jehangir, Ph.D. Postsecondary Teaching and Learning

Charissa Jones - University of Minnesota
Major: Sociology
Minnesota Exits and Entries Project: Spatial Analysis of Reentry
Mentor: Chris Uggen, Ph.D., Sociology

Jordan Langen - University of Minnesota
Major: Kinesiology
Body Composition and Weight Changes in a 15 Week Marathon Training Program
Mentor: Stacy Ingraham, Ph.D., Kinesiology

Kiarra McCain - University of Minnesota
Major: Youth Studies/Policy
Art and Social Justice Programs: Developing Young People
Mentor: Ross Velure Roholt, Ph.D., School of Social Work

Ngoc Nguyen - University of Minnesota
Major: Psychology
Go Back to Where You Came From:” Blatant Foreigner Discrimination
Mentor: Richard M. Lee, Ph.D., Psychology

Maira Rosas-Lee - University of Minnesota
Major: Public Health
¡Encuentro! A Healthy Youth Development Project: Perspectives of Local Latino Youth
Mentor: Renee Sieving, Ph.D., School of Nursing

Dorianne Shelton - University of Minnesota
Major: Communications
Edutainment: Can Reality Television Prevent Teenage Pregnancy
Mentor: Laurie Ouellette, Ph.D., Communication Studies

Amani Stumne - University of Minnesota
Major: Psychology
Distressing Event Nomination: Trauma in the Lives of College Students
Mentor: Patricia Frazier, Ph.D., Psychology

John Tarnowski - University of Minnesota
Major: Pharmacology
Mapping Nutrients Crucial to a Growing Population
Mentor: John Foley, Ph.D., Institute on the Environment

Yodit Tesfaye - University of Minnesota
Major: Public Health
Policy Effectiveness in Addressing Girls’ Inequality in Africa
Mentor: Elizabeth Boyle, Ph.D., Sociology

Jessica Thompson - University of Minnesota
Major: Public Policy/ Social Work
Media Arts: Sociopolitical Development of Urban Youth of Color
Mentor: Katie Johnston-Goodstar, Ph.D., School of Social Work

Donald Wilhite II - University of Minnesota
Major: History/ Global Studies
Global City Making in Cairo: Roots and Routes of a New Urban Politics
Mentor: Michael Goldman, Ph.D., Sociology

Alexis Yeboah - University of Minnesota
Major: Public Health/Psychology
Ethnic Identity: Narrative Differences of African Americans, Africans, and Mixed Emerging Adults
Mentor: Moin Syed, Ph.D., Psychology

Angela Ziemer - University of Minnesota
Major: Kinesiology
The Sport Experiences of African American Women Growing Up Pre-Title IX
Mentor: Jennifer Bhalla, Ph.D., Kinesiology
Cherese Alcorn – University of Minnesota
Major: Family Social Science
An Interactive Website to Reduce HIV/AIDS Risk Behavior Among Adolescents
Mentor: Sonya Brady, Ph.D., Epidemiology

Courtney Bell – University of Minnesota
Major: Sociology
The Missing Link of Environmental Justice: When Deprivation is Ignored
Mentor: David Pellow, Ph.D., Sociology

Angela Bianco – University of Minnesota
Major: Elementary Education Foundations
Evaluating Environmental Concepts in Student Drawing and Understanding Systematic Experimentation Behavior Using Technology
Mentor: Keisha Varma, Ph.D., Educational Psychology

Veronica Deenanath – University of Minnesota
Major: Family Social Science and Psychology
Hmong Pre-adolescents’ Perceptions of Their Family Environment: A Consensual Qualitative Analysis of Family Photos
Mentor: Blong Xiong, Ph.D., Family Social Science

Nathaniel Gibbs – University of Minnesota
Major: Sociology
The Effects of Incarceration on Health
Mentor: Chris Uggen, Ph.D., Sociology

Lidiya Girma – University of Minnesota
Major: Sociology
Brooklyn Center and Brooklyn Park Foreign Born: Differing Reception Based on Nationality
Mentor: Lisa Park, Ph.D., Sociology

Jessica (Verse) Holloway – University of Minnesota
Major: Sociology
Graduation: From Child Abuse to Serial Killers
Mentor: Carolyn Liebler, Ph.D., Sociology

Salma Hussein – University of Minnesota
Major: Inter-college program
Increasing Physical Activity in East African Adolescent Women
Mentor: Nicole LaVoi, Ph.D., Kinesiology/Tucker Center

Guled Ibrahim – University of Minnesota
Major: Journalism and Political Science
Minnesota’s New Immigrants: A Content Analysis of The Minneapolis Star Tribune’s Coverage of The Minnesota Somali Community
Mentor: Catherine Squires, Ph.D., School of Journalism and Mass Communication

Hafizah Jaafar-Tribbett – University of Minnesota
Major: Theatre Arts
Body, Sound and the Embodiment of Fear: Indonesian Immigrants in the United States
Mentor: R.Diyah Larasati, Ph.D., Theatre Arts and Dance

Janes (Beth) Jones – University of Minnesota
Major: Child Psychology, Family Social Science
Minnesota Health Care Coordination Study for Individuals with Physical Disabilities
Mentor: Brian Abery, Ph.D., Educational Psychology

Sheilah McGrath – University of Minnesota
Major: Anthropology
Asthma Concerns: A Comparison of Somali Mothers and Fathers with Affected Preschoolers
Mentor: Ann Garwick, Ph.D., School of Nursing

Lolla Mohammed Nur - University of Minnesota
Major: Political Science & Journalism
Corrupting Africa: International Organizations and the Making of “the Problem” of Corruption in Africa
Mentor: Raymond Duvall, Ph.D., Political Science

Elizabeth Ongeri – University of Minnesota
Major: Family Social Science
An Outcome Evaluation of the Effects of a Parent Education Program for Lao Parents and Grandparents
Mentor: Blong Xiong, Ph.D., Family Social Science

Sarah Osman – University of Minnesota
Major: Sociology
African American Children’s Mental Health Issues: Are They Being Properly Addressed?
Mentor: Sonya Brady, Ph.D., Epidemiology

Schevita Persaud – University of Minnesota
Major: Child Psychology, African American Studies
Gender Differences in the School Success of Young Homeless Children
Mentor: Ann Masten, Ph.D., Institute of Child Development

Yuridia Ramirez – University of Minnesota
Major: History & Journalism
Sitios De Memoria: Guanajuato in the Shadow of the Bicentenario and Centenario
Mentor: Patrick McNamara, Ph.D., History

Maria De Jesús Rios – University of Minnesota
Major: Family Social Science
Parent Communication and its Association to Positive Latino Youth School Outcomes
Mentor: Michael Rodriguez, Ph.D., Educational Psychology

Maira Rosas-Lee – University of Minnesota
Major: Spanish and Chicano Studies
Encuentro: A Healthy Youth Development Project Formative Research - Latino Parent Perspectives
Mentor: Renee Sieving, Ph.D., School of Nursing

Ker Thao – University of Minnesota
Major: Family Social Science
Parental School Choices in the Hmong Community
Mentor: Karen Cadigan, Ph.D., Center for Early Education & Development

Bai Vue – University of Minnesota
Major: Work and Human Resource Education
Managerial Behaviors Associated with Managerial Development
Mentor: Louis Quast, Ph.D., Organizational Leadership, Policy and Development
Kelli Blankenship – University of Minnesota
Major: Kinesiology
Not All Sport Parents are “Out of Control”: The Happy Side of Youth Sports
Mentor: Nicole LaVoi, Ph.D., Kinesiology/Tucker Center

Michelle Bragg – Carleton College
Major: Psychology
Kinship Care in Times of Hurricanes: New Orleans Experience
Mentor: Priscilla Gibson, Ph.D, School of Social Work

Beatriz Carrillo – University of Minnesota
Major: Journalism
I Really Wish that I Could Relate Better: Evaluating Student Responses to In-Class Materials
Mentor: Catherine Squires, Ph.D., School of Journalism

Rose Chahla – Carleton College
Major: Psychology
Understanding Career Development in College Students
Mentor: Tabitha Grier-Reed, Ph.D., Postsecondary Teaching and Learning

John Chan – University of Minnesota
Major: Genetics, Cell Biology and Development
Ablation of Voltage-Operated Ca2+ Channel β-Subunits Reduces Praziquantel Efficacy in the Planarian Dugesia japonica
Mentor: Jonathan Marchant, Ph.D., Pharmacology

Robert Costilla – University of Minnesota, Duluth
Major: Political Science and History
On The Border of Mexico’s 1910 Centennial
Mentor: Patrick McNamara, Ph.D., History

Ciana Cullens – University of Minnesota, Morris
Major: Communication, Media, and Rhetoric
The Significance of the Black Power Movement: Learning from its Origins and Implications
Mentor: Keith Mayes, Ph.D., African American and African Studies

Edao Dawano – University of Minnesota
Major: Biology, Society and Environment
Ethiopia’s Political Economy and Contemporary Environmental Problems
Mentor: Abdi Samatar, Ph.D., Geography

Nicholas Ferlazzo – University of Minnesota
Major: American Indian Studies and American Studies
Male and Female Circumcision: A Global Analysis of the Medical Research
Mentor: Elizabeth Boyle, Ph.D., Sociology

Timotheus Gordon – University of Minnesota
Major: English and Creative Writing
State of African American Literature: Contemporary Authors and Publications
Mentor: Alexs Pate, Ph.D., African American Studies

Shanicia Goston – Fisk University
Major: Psychology and Sociology
Criminal Record Questions on Employment Applications
Mentor: Christopher Uggen, Ph.D., Sociology

Chaltu Hassan – University of Minnesota
Major: Family Social Science
Hidden Homelessness: Refugees and Unstable Housing in the Twin Cities
Mentor: Dave Hollister, Ph.D., School of Social Work

Sartu Hassan - University of Minnesota
Major: Family Social Science
Using Remittances to Adapt to Economic Crisis: The Case of Mexican Transnational Families
Mentor: Catherine Solheim, Ph.D., Family Social Science

Chantel Johnson – Carleton College
Major: History
Obtaining a Job with a Criminal Record: The Importance of Personal Contact
Mentor: Christopher Uggen, Ph.D., Sociology

Anthony Kiekow – University of Minnesota
Major: Journalism
U.S. Civil Rights and African Freedom: An Intertwined Struggle of Brothers from the Past
Mentor: Keith Mayes, Ph.D., African American Studies

Sarah Lechowich – University of Minnesota
Major: Communication Studies
The Connection Between Attachment Styles and Family Communication Patterns
Mentor: Susanne Jones, Ph.D., Communication Studies

Stefanie Lightner – University of Minnesota
Major: Sociology, Law, Crime and Deviance
The Effects of Educational Attainment on Job Satisfaction
Mentor: Eric Gродsky, Ph.D., Sociology

Michele Luhm Vigor – University of Minnesota
Major: Biology and Medicine
Tick-Mammal Interface of Human Granulocytic Anaplasmosis
Mentor: Ulrike Munderloh, Ph.D., Entomology

Fatuma Omer – University of Minnesota
Major: Psychology
The Meaning of Interventions to End Female Genital Cutting
Mentor: Elizabeth Boyle, Ph.D., Sociology

Melanie Plucinski – University of Minnesota
Major: Political Science, Spanish, and Social Justice
Mental Health Disparities Among Adolescents in the Juvenile Justice System
Mentor: Sonya Brady, Ph.D., Epidemiology

Cassey Quach – University of Minnesota
Major: Family Social Science
Sibling Interaction and Behavior Study
Mentor: Martha Reuter, Ph.D., Family Social Science

Laura Roderick – University of Minnesota
Major: Child Psychology
Peer Competence as a Predictive Factor to the Sociodemographic Risks for Homeless Children
Mentor: Ann S. Masten, Ph.D., Institute of Child Development
Desiree Abu-Odeh - University of Minnesota
Major: Biochemistry/ Neuroscience
Expression of the MBP Gene in virally infected E16 Mice
Mentor: Ken Bartlett, Ph.D., Work and Human Resources

Devon Arkadie - University of Minnesota
Major: English/African American Studies
Building Theory, Interrogating Knowledge: An Analysis of Intersectionality
Mentor: Rose Brewer, Ph.D., African American Studies

Kenneth Coleman - Carleton College
Major: Psychology and African American Studies
Masculinities in Transition: The Effects of Masculinity on the Transition from a Corrections Facility
Mentor: Josh Page, Ph.D., Sociology

Ernest Comer - Carleton College
Major: Communication Studies
White Ball/Black Hope: Race and Sports
Mentor: Gil Rodman, Ph.D., Communications

Monica Diaz - Carleton College
Major: Sociology/Anthropology
Mentor: Samuel Myers, Ph.D., Humphrey Institute of Public Affairs

Catherine Gardner - Carleton College
Major: Sociology/Anthropology & Political Science
Work, Family, and Social Support: Examining the Role of Church-based Support
Mentors: Penny Edgell & Eric Tranby, Sociology

Jill Haom - University of Minnesota
Major: Kinesiology/Exercise Science
Unequal Opportunities, Unequal Outcomes: Reducing Physical Inactivity in Populations of Ethnic Minority Girl
Mentor: Nicole LaVoi, Ph.D., Kinesiology/Tucker Center

Shawn James - University of Minnesota
Major: Sociology
The Minnesota Juvenile Justice Transitions Project
Mentor: Josh Page, Ph.D., Sociology

Terrence Jordan - University of Minnesota
Major: Kinesiology/African American Studies
Race Represents of Women’s and Men’s intercollegiate Basketball Media Coverage on ESPN.com
Mentor: Nicole LaVoi, Ph.D., Kinesiology/Tucker Center

Katumu Kamara - University of Minnesota
Major: Global Studies/Social Justice
Effects of Foreclosure on Immigrants in Minneapolis
Mentor: Ryan Allen, Ph.D., Humphrey Institute of Public Affairs

Ayianna Kennerly - University of Minnesota
Major: African American Studies/Sociology
Youth Speak: Perspectives on Race, Gender, and the 2008 Presidential Primaries
Mentor: Enid Logan, Ph.D., Sociology

Ona Knocksah - University of Minnesota
Major: American Indian Studies
Structure of Ojibwe Personal Names 1830-1920
Mentor: John Nichols, Ph.D., American Indian Studies

Fatuma Mohamed - University of Minnesota
Major: Biochemistry
Crystal Structure of Cytochrome C
Mentor: Carrie Wilmot, Ph.D., Biochemistry, Molecular Biology/Biophysics

Jessica Molina - University of Miami
Major: Criminology
MEEP-Minnesota Exits and Entries Project
Mentor: Chris Uggen, Ph.D., Sociology

Sophak Mom - Metro State University
Major: Social Sciences
Exploring Official Views in Religious Teachings
Mentor: Penny Edgell, Ph.D., Sociology

Shadé Osifuye - University of Minnesota
Major: Individualized – African American Studies/Life Sciences
Research on Sickle Cell Anemia
Mentor: Robert P. Hebbel, Ph.D., Medicine

Judith Pete - University of Minnesota
Major: Economics/Women’s Studies
Learning Communities as Vehicles for Self-Authorship for the First-Generation Students
Mentor: Rashné Jehangir, Ph.D., Postsecondary Teaching & Learning

Christine Rangen - University of Minnesota
Major: Nursing
Latino Adolescents’ Perceptions of Mental Health Resources: Uncovering Potential and Actual Barriers to Care
Mentor: Carolyn Garcia, Ph.D., Nursing

Chenea Sparks - University of Minnesota
Major: Individualized – Family Studies/Psychology
Voice of African American Family- In Children’s Mental Health
Mentor: Abigail Gewirtz, Ph.D., Family Social Science
Renee Barron - University of Minnesota
Illuminating Nat Turner
Mentor: Alexs Pate, African and African American Studies

Gada Beshir - University of Minnesota
Emerging Human Rights Crises in the Horn of Africa: A Case Study of Ethiopia and Somalia
Mentor: Barbara A. Frey, Ph.D., Global Studies and Law

Ifrah M. Biyoow - Carleton College
The Case of Somali Muslim Entrepreneurs in Minneapolis
Mentor: Elizabeth Boyle, Ph.D., Sociology

Brittany N. Clausel - University of Minnesota
English Language Learners: Investigation of the Effect of Mobility on Academic

Azeta Garthune - University of Minnesota
Women's Human Rights in Argentina and Guatemala: Comparing Responses to Military Violence in the Context of Gender
Mentor: Ana Forcinto, Ph.D., Spanish and Portuguese

Nicolina Hernandez - University of Minnesota
Labor Union Advocacy for Immigration Reform: Case Studies of SEIU Local 26 and UFCW Local 789
Mentor: Katherine Fennelly, Ph.D., Huburt H. Humphrey Institute of Public Affairs

Jon Jacobs - University of Minnesota
Greeting Concordia College: Developing an Environmental Baseline
Mentor: Virjita Singh, M. Arch, Center for Sustainable Building, College of Design

Pao Lor - St. Olaf College
Engineering Escherichia Coli to Express Photosynthetic Reaction Center Proteins from Rhodobacter Sphaeroides
Mentor: Claudia Schmidt-Dannert, Ph.D., Biochemistry, Molecular Biology, and Biophysics

Blanca Martinez-Gavina - St. Olaf College
Labor Union Advocacy for Immigration Reform: Case Studies of SEIU Local 26 and UFCW Local 789
Mentor: Katherine Fennelly, Ph.D., Huburt H. Humphrey Institute of Public Affairs

Jessica Molina - University of Miami
MEEP—Military Minnesota Exits and Entries Project
Mentor: Christopher Uggen, Ph.D., Sociology

Miracle Obeta - University of Minnesota, Morris
New Jersey Department of Transportation Disadvantaged Business Enterprise and Emerging Disadvantaged Business Enterprise Programs
Mentor: Samuel L. Myers, Jr., Ph.D., Roy Wilkins Center

Claudio Perez - University of Miami
Analysis of the Philosophy of Drug Policy
Mentor: Christopher Uggen, Ph.D., Sociology

Diana Pérez - Ripon College
English Language Learners and Specific Language Impairment: Social Development
Mentor: Lesley Craig-Unkefer, Ph.D., Educational Psychology

Amber Riley - Carleton College
Promoting Success of African American College Students: The African American Student Network
Mentor: Tabitha Grier, Ph.D., Postsecondary Teaching and Learning

David Rodriguez - University of Minnesota
Manoomin (Wild Rice) and Commercial Wild Rice (Paddy): A Comparison Between Worldviews of Health
Mentor: Craig Hassel, Ph.D., Nutritional Science

Ellen Roth - St. Olaf College
Financial Management in Hmong Immigrant families: A Case Study
Mentor: Catherine Solheim, Ph.D., Family Social Science

Eric Stone - University of Minnesota
Subject Perception of Thermal Status and Comfort in Variations of the NASA Phase VI Glove
Mentors: Gloria Leon, Ph.D., Psychology and Victor Koscheyev, Ph.D., Biology and Biophysics

Ying Thao - St. Olaf College
Isolation of Novel Wax Ester Synthases From Marine Sediments
Mentor: Claudia Schmidt-Dannert, Ph.D., Biochemistry, Molecular Biology, and Biophysics

Hussein Waliye - University of Minnesota
FLT3-Department Activation of RAS-Pathway
Mentor: Michael Farrar, Ph.D., Lab Medicine and Pathology

Chao Yang - University of Minnesota
Minnesota Indian Casinos: The Portrayal of Native Americans on Casino Marketing Materials
Mentor: Ken Barlett, Ph.D., Work and Human Resources
Anna Alba Hernandez
Investigating Out of School Time Experiences of Latino Youth in Minnesota
Mentor: Michael C. Rodriguez, Ph.D.

Yolanda M. Archibald
Investigation of the Uncoupling of Skeletal Muscle Force and Atpace Activity by Thymol
Mentor: Vincent A. Barnett, Ph.D.

Naima Bashir
Parent-School Partnerships: A Study of Somali Immigrants in Minnesota
Mentor: Catherine Solheim, Ph.D.

Thuy Doan
High School Athletes: An Examination of the Impact of No Pass/No Play Policies
Mentor: Jennifer Oliphant, MPH

Keith Fox
Does Virtue Benefit the Virtuous?
Mentor: Michelle Mason, Ph.D.

Jesse Ping
Heat Extraction to Support Comfort and Enhance Performance: Cooling the Head/Hand and Thigh Regions
Mentors: Gloria Leon, Ph.D. and Victor Koscheyev, Ph.D.

April Rog
The Influence of Fire in the Development of the Big Woods of Minnesota
Mentor: Bryan Shuman, Ph.D.

Shannon Ryan
The Role of Social-Psychological Variables in the Overreporting of Voting Behavior
Mentor: Dr. Christopher Uggen

Monee Sconyers
Capturing Diversity: Understanding Kinship Care among African American and Native American Grandparents
Mentor: Priscilla Gibson, LICSW

Arien H. Telles
Changes in High School Experiences and College Expectations of New Chicana/o Latina/o Freshman
Mentor: Darwin D. Hendel, Ph.D.

Hoang Ton
Fiscal Disparity in the Twin Cities Metropolitan Region
Mentor: Thomas Luce, Ph.D.
Veronica Avila
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Reclaiming Bdote: Establishing an Indigenous Language Center at Fort Snelling
Mentor: Brenda Child, Ph.D.

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Angela Becker
Fermentation of Resident Starch by Colonic Bacteria
Mentor: Joanne Slavin, Ph.D.

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Stacy Lawrence
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Pa Houa Lee
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County Road 81, Reconnecting communities
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Mentor: Dr. David Anderson and Dr. Gary Barnes

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Mentor: Dr. John Sullivan

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Mentor: Dr. Panos Michalopoulos

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