

St. Olaf TRIO McNair Scholars Program

Roster: 2007 to Present

Class of 2020 (12 students)				
Name	Major	Faculty Mentor/s	Summer 2018 Research/ Internship Experience	Summer 2019 Research/ Internship Experience
Bashir Ali	Biology		University of Washington Friday Harbor Labs (2017 Sierra NV Aquatic Research)	
Luis Almanza	Biology	Dr. Norman Lee, Interest in med school	McNair Research with Prof. Lee (How does the fly <i>Ormia ochracea</i> determine sound direction in the vertical plane?)	
Rogelio Becerra	Comp Sci/ Spanish		Ingredion Internship (2017 ROSS program)	
Diana Chaidez	Political Science	Interest in law school	Immigration Services Intern for the International Inst. of MN - Social Entrepreneurship Scholars	
MeiYi Chen	Biology/ China Studies	Dr. Norman Lee; Interest in med school	McNair Research with Prof. Lee (How does the fly <i>Ormia ochracea</i> determine sound direction in the vertical plane?)	
Nathan Chin	Comp Sci/ Japanese	Dr. Dick Brown	McNair Research with Prof. Brown (Hands-on Learning of Hardware Design with Raspberry Pi)	
Jessica Ohaeri	Psychology	Dr. Jeremy Loebach	McNair Research with Prof. Loebach (Demographic Causes of Auditory Cognitive Variability) (Previous research with Dr. Huff)	
Yadi Quintanilla	Psychology	Dr. Jeremy Loebach, Interest in med school	McNair Research with Prof. Loebach (Evaluation of speech and nonspeech on auditory rehabilitation for cochlear implant users) (2017 research with Dr. Loebach)	
Sofia Reed	Chinese/Econ	Dr. Hsiang-Lin Shih	McNair/CURI Research with Prof Shih in Taiwan (Memories of Agricultural Yilan, Taiwan: An Excavation of Local Literature and Life Stories)	
Chris Steene	English/ Gender St.	Dr. Elizabeth Leer	McNair Research with Prof. Leer (Beliefs, Practices, and Perceived Challenges of Secondary English Teachers)	
Nyajima Tut	Vocal Performance	Interest in Music Therapy	Volunteer for the Bay Area Music Therapy program	
Va Yang	Environ. St.	Gates Scholar, Global Fall 2018	Paraprofessional at the MN State Energy Office of the MN Department of Commerce	

•Faculty Mentors who have participated in more than one McNair summer or have mentored more than one Scholar

Class of 2019 (10 McNair and 4 outside funding)				
Name	Major	Faculty Mentor/s	Summer 2017 Research/ Internship Experience	Summer 2018 Research/ Internship Experience
Alexander Cavender	Philosophy/Religion	Dr. Charles Taliaferro Dr. Arthur Cunningham	McNair Research (The Eternity of Time)	GSEF Research at University of Iowa
Margeaux Cohen +	ExScience/Chemistry	(PT interest)	Research Intern at Steadman Research Center	Shadow PT at the Wieber Clinic - University of MN
Djatougbe Nadine Dogbe +	Biology		Amgen Scholar at NIH-Bethesda Campus	NIH in Washington D.C.
Tamira Fuentes +	Psych/Spanish	Interest in MA in Child Life Studies; Angela Smith	Community Corp Volunteer Facilitator at Lurie Children's Hospital	La Casa Norte
Amber Juran	Biology	Dr. Kevin Crisp	McNair Research (Microglial Response to LPS in the Leech Central Nervous System)	Research at UND (3/15), waiting on UW Madison
Jean La Fontaine (Carleton)	Latin American Studies	Dr. Dev Gupta – Carleton Political Science Dept.	McNair Research (“Radical”, “Moderates,” and Derridean Freeplay in the Animal Rights Movement)	Mellon Maise Research with Dr. Markofski and Dr. Ocampo-Raeder (Bio-coloniality, Neoliberalism, and the Gendered Politics of Indigeneity in Contemporary Peru)
Jewel Lee	Biology	Dr. Lisa Bowers	Science TA/SI Leader for St. Olaf Summer SSS Bridge Program	McNair Research with Prof. Lisa Bowers (Putative Heavy Metal Transporter Expression in <i>Caulobacter crescentus</i>)
Aislinn Mayfield (Carleton)	Biology	Dr. Kevin Crisp	McNair Research (Microglial Response to LPS in the Leech Central Nervous System)	Cell Bio Research at Harvard Medical School
Karina Mojica +	Psych/Spanish		Counselor/Intern at Engage Chicago and also working with Girl Forward.	GSEF Research at Michigan State University
Sonam Palmo	Chemistry	Dr. Dipa Kalyani	McNair Research, Health Care Intern at Delek Hospital in India (Mechanistic Studies on Nickel-Catalyzed C-H Arylation)	Health Scholars Program at HCMC
Jamonte Strawder (Carleton)	Soc/Anth	Dr. Thabiti Willis – Carleton So/An Dept Dr. Alfred Young Jr. UMI, So/An Dept	McNair Research (British Manumission in the Persian Gulf)	GSEF Research at University of Michigan Ann Arbor
Jessica Thao	Psychology	Dr. Jeremy Loebach		McNair Research with Prof. Jeremy Loebach (High Variability Online Training for Cochlear Implant Users: Increasing User Adherence Through Feedback and Motivation Strategies)
Diane Vargas	Biology	Dr. Emily Mohl	REU in Sustainable Land and Water Resources at Salish Kootenai College in Pablo, MO	CURI/McNair Research with Dr. Emily Mohl (Investigating Local Adaptation in Common Milkweed)
Sunny Vuong	Chemistry & Chinese	Dr. Laura Listenberger	LSAMP Research with Prof. Listenberger (Identifying Proteins in Alcoholic Fatty Liver Disease)	Research at BioTechne
Class of 2018 (10 McNair and 5 outside funding)				
McNair Scholar Name	Major	Faculty Mentor	Internship/Research Experience During Summer of Soph & Junior Year	
Jasmin	Aramburu	Social Work	Mellon GSEF Research - University of Illinois at Urbana-Champaign	
			La Casa Norte; GSEF Research at UIL Urbana-Champaign	

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Deandre	Bauswell+	Computer Science	Internship	United Health Group
Tiara	Davis	Social Work/ Race & Ethnic St	•Dr. Lisa Moore	Phalanx Family Services, McNair Research (Children of Activists)
Sydney	Geiger+	Biology/Math		Research at U of Costa Rica
Elizabeth	Guzman	Social Work (Teach for Am)	•Dr. Lisa Moore	SSS TA; McNair Research (Intergenerational Caretaking and Affordable Housing)
Emily	Hynes	Vocal Performance	•Dr. Louis Epstein	McNair Research: The Musical Geography of 1920s Paris; GSEF Research at UIL Urbana Champaign
Marnicia	Johnson	Psych/ESL licen. American Studies	9 th semester student teaching	Posse Office, 2018 GSEF Summer Research UIL Urbana Champaign
Prince	Kendema+	Econ/Asian St.	•Dr. Ka Wong	Research: Asian in MN: Exploration of Hmong, Vietnamese & Southeast Asian; U.S. Bank Program Manager/ CLS
Vanessa	Lopez	Elective Studies	Dr. Nancy Paddleford	Berkshire Choral Mass.; Choral studying in Spain; SSS Writing TA. Research: Digital Art Song Perspective of Latin America (1870-1970)
Zoua	Lor	Psychology	Mellon GSEF Research – MI State University SROP	Research at WKU Kentucky, SSS TA, Mellon GSEF Research
Taylor	Okonek	Math/Religion	•Drs. Campbell, Leer, Lane-Getaz	Research: Teacher Professional Learning Communities and Student Achievement Internship: Data Science Intern, Windlogics
Aji	Opakunle	Biology	Dr. Sarah Amugongo	Research: Effects of Prenatal Stress on Offspring Bone Development, Blandy Experimental Farm Summer Research at the U of Virginia. Internship: SSS Biochem TA.
Liya	Tessema +	Biology	Dr. Kim Kandl	LSAMP Research
Dua	Vang	Biology	•Dr. Kevin Crisp	Research: System Identification Theory Applied to Earthworm Shortening Reflex; Student Worker at the Department of Agriculture in St. Paul
Tracy	Xiong+	Asian St/ Psych		Student Intern at Northwestern University's Engage Chicago
Class of 2017 (10 McNair students and 2 outside funding)				
McNair Scholar Name		Major	Faculty Mentor	Internship/Research Experience
Jinhee (JC)	Cha+	Soc/Anth	Dr. Katie Ziegler Graham	SSS Chem TA. Research: Public Health Challenges in Northfield
Liam	Gibb	Music/Arch		St. Olaf Music Camp, Teaching private music lessons, Green lake music festival, Brevard Music Institute in North Carolina, RA at Music Festival
Barite	Gutama	Chemistry		Summer Laboratory Internship with 3M, CURE Northwestern

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Alexandra	Hernandez	Social Work	Dr. Katherine Tegtmeier Pak	Research: The Rural Immigration Network. Shadowing/interning in Chicago
Amanda	Kaing	Biology	Dr. Ana Johnson	PT Shadow Experiences. Research: Self-Esteem as a Predictor of Stress Reactivity in Adolescents and Emerging Adults
Alia	McDaniel	Chemistry	Dr. Everson	Synthesis of Novel Semiconducting Organic Polymers; AVEDA Research
Jared	Miller	Piano		Piano services-church/theatre/school choirs, Musica Liria - Italy
Jackie	Molina	Education/Race, Eth Studies	•Heather Campbell Elizabeth Leer	Research: The Impacts of Northfield's Teacher Professional Learning Community (PLC), Interning in Chicago (Youth Invincibles, Chicago City Council?)
Bianca	Renteria+	Poli Sci/Mgmt Studies	Dr. Katherine Tegtmeier Pak	Research: The Rural Immigration Network
Jia	Shi	Chemistry/Math Environmental St	Dr. Jeff Schweinefus	Kunming Summer Environmental Studies Program in China and Southeast Asia, Research: Developing Tetramethylammonium Formate as a Probe of Biopolymer Surface Areas
Abbey	Smith	Exercise Science	•Dr. Kevin Crisp	Shadowing Physical Therapist, coaching, Research: System Identification Theory Applied to Earthworm Shortening Reflex
Amanda	Vergara	Spanish/Social Work	Dr. Lisa Moore	Internship in the truancy intervention department at Centro Cultural Chicano. Research: Intergenerational Caretaking & Affordable Housing

Class of 2016 (9 McNair students and 5 outside funding)				
McNair Scholar Name		Major	Faculty Mentor	Internship/Research Experience
Spencer	Castillo+	Chemistry	Dr. Jaekwon Lee	UNL - Health and Disease Inorganic Elements
Mariah	DuBose	Economics/Math	•Dr. Lane-Getaz United Health Group Intern	2015: Internship with United Health Bridging the College & Advanced Placement Statistics Gap (CAPS-Gap)
Randalle	Engstrom-Neadeau+	Math	Dr. Umbanhowar	Environmental History of Pickerel Lake Through Sediments
Nathalie	Kenny+	Environmental St & Asian St	Off-Campus research in China	Off-Campus Environmental Research in China
Kou	Lee	Exercise Science	Evidence Based Resistance Training intern	2015: Internship at Discover Strength and Shadowing Physical Therapists SSS Bio TA
Hunter Herwin	Lin	Biology	•Dr. Kevin Crisp	Breadboard EMG: Building & Using Simple Electrophysiology Equipment
Alexander	Manos	Exercise Science	Courage Center	Internship at Courage Center in Stillwater
Tomaz	Manzoni	Biology/Math	U of Penn biomed research	REU research off campus

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Breanna	Olson	French	Dr. Epstein	The Musical Geography of 1924 Paris
Issa	Prosper	Math	Dr. Kevin Crisp	Breadboard EMG: Building & Using Simple Electrophysiology Equipment
Jeffrey	Riley+	Psychology	•Dr. Loebach	Auditory Intelligence in Cochlear Implant Users
Hailey (Mya)	Saracho	Psychology	Dr. Loebach	Visual Attention & Gaze Fixation During Lip Reading Among 3 Populations
Elisabeth	Sepulveda+	Cognitive Neuro/ Psych/Education	Dr. Greg Muth	The Science Alliance: Meaningful STEM Education Outreach from Colleges to Communities
Gwen	Vargas	Math	Dr. Roback	Statistical Analysis of K-12 Assessment Data from the Northfield Public School District

Class of 2015 (11 McNair students and 1 outside funding)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Sheridan	Blanford	Sports Managem.	•Cindy Book	Title IX: Gender and Racial Issues
Hawera	Butta	Biology	Off-campus	Biology Redox at University of Nebraska Lincoln, NE
Lacey	Etzkorn	Math/Env. St.	Off-campus	Washington D.C. – Survey Methodology at Federal Statistics Agency
Mohamed	Haji	Physics/Math	Prior Year	Carol: the Cooking Robot; worked with professor Jason Engebrecht
Paoge	Moua	Asian Studies	Ka Wong	Post-Vietnam War Socioeconomic Adjustment of Indochinese-Americans in Northfield, MN
Abdi	Musse	Biology/Manage.	Off-campus	Internship at Schoolzilla.
Sievhong	Pen+	Biology	Lisa Bowers	The Process to Construct a Gene Knockout in <i>C. crescentus</i>
Carlos	Rivera	Chemistry	Jeff Schweinefus	Cosolute Effects on G3 G-Quadruplex Stability
Michele	Severson	Biology/Neuro	•Gary Muir	Influence of Visual Cues on Head Direction Cell Firing Following Anesthesia
Alex	Thompson	Psychology	Gary Muir	Influence of Visual Cues on Head Direction Cell Firing Following Anesthesia
Pader	Vue	Psychology	Shelly Dickenson	The Impact of Caffeine on the Motivational Effects of Alcohol in Mice
Chad	Wagner	Biology	•Kevin Crisp	Development of Wireless, Passive, Electrophysiological Technologies
Class of 2014 (10 McNair students and 1 outside funding)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Gabriella	Coll	Art History/Spanish	Matt Rohn	Flaten Art Museum's Native American Art as a Collection
Lansa	Dawano	Biology	•Anne Walter	Preparing Bridge Students to Conduct Quantitative Research Projects
Chiamaka	Isiguzo	Biology	Jay Demas	The Impact of Contrast on Non-Visual Photoreceptors

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Lazarus	Letcher	Music/ARMS	Ted Thornhill-aa	Racism and Bilingualism in the American Job Market
Erick	Marigi	Math/Biology	Kevin Crisp	Progress Towards the Development of Wireless, Passive Electrophysiological Instruments
Guttu	Maskalo	Biology	Kevin Crisp	Progress Towards the Development of Wireless, Passive Electrophysiological Instruments
Amanda	Moua	Social Work	•Devyani Chandran	The National HIV/AIDS Strategy: Impact on Black Men Who Have Sex with Men (BMSM)
Zoey	Slater	English/Amer. St.	•Jim Farrell	Marketing the Environment and Sustaining St. Olaf
Melissa	Songpitak+	Biology	UMN St. Paul	*Research at the UMN St. Paul
Susan	Vang	Math/Statistics	Internship	*Internship off-campus
Zoua	Xiong	Psych/ESL	•Jeremy Loebach	The Training and Rehabilitation Program for New Adult Cochlear Implant Users

Class of 2013 (9 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Gabriela	Bosmenier Cruz	Psych/Spanish	Gary Muir	Anesthesia Disrupts Head Direction Cell Activity in Freely-Moving Rats
Nancy	Castaneda	Psychology	•Grace Cho	Emotional Development through Parent Child Book-Reading
Kristell	Caballero-Saucedo	Poli Science/Spanish	Kris Thalhammer	Colombia's Raizal People: the Complexity of Created Identify
DeMico	Davis	Sociology	Ibtesam Al-Atiyat	U.S. Media Portrayal of Arab Women's Involvement within the Arab Spring
Juan-Ita	Effiom	Soc/Antropology	Jeremy Loebach	Rehabilitation for Cochlear Implant (CI) Users
Pha	Lor	Nursing	Kevin Crisp	Toward a Method for Wireless Recording Using Implantable Passive Resonance Probes
Isaac APR: 2010	Tut	Math/Chemistry		UMN BS Engineering Program
Stephanie	Villarreal	Social Work	Devyani Chandran	Exploring Social Capital in Local Communities
Serena	Xiong	Bio/BioMed	Devyani Chandran	Strategies for Implementing Radon Education Interventions in Hmong and Latino Communities
Class of 2012 (11 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Olya	Borichevska	Math/Econ	Steve McKelvey	Market Equilibrium and Variational Inequalities
Gina	Collings	Exercise Science	Kevin Crisp	Delayed Functional Recovery of Crawling After CNS Injury in the Leech
Kia	Lor	Biology	Jean Porterfield	Population Genetic Insights into the Scaly Pearl Oyster
Virginia	Ma	Asian Studies/Exercise Science	Kim Kandl	Interaction Between Actin and Translation Factor eEF3 in Saccharomyces cerevisiae
Casey	Skeide	Asian Studies	Tomoko Hoogenboom	Repetition use by bilingual Japanese-English speakers to indicate cultural identity

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Althea	Speaks	Poli Science	Dan Hofrenning	Race & Class in African American Politics
Tong	Vang	Biology/Bio Med	•Diane Angell	Bee Survey In and Around Northfield
Chue	Vue	Psychology	Grace Cho	Parent-Child Storytelling: Exploring Patterns in Narratives of Children's Emotional Experiences
Kabao	Xiong	Psychology	Grace Cho	Parent-Child Storytelling: Exploring Patterns in Narratives of Children's Emotional Experiences
Phoua	Xiong	Soc/Anthro	•Heather Campbell	Metacognition Strategies in Undergraduate Biology
Jackie	Yang	Chemistry	Anne Walter	Temperature Effects on Lactate Dehydrogenase

Class of 2011 (11 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Quyên	Duong	Math	Sharon Lane-Getaz-aa	Comparing Student Reasoning about P-values and Statistical Significance in Three College-level Statistics Courses: a Quantitative and Qualitative Study
Fisihatsion APR: 2010	Gebreyesus	Chemistry & Math	Kevin Crisp	Videographic Analysis of the Effect of Reserpine on Oligochaete Circulatory System
Aaron	Harcus	Music Theor/Comp	David Castro	Binary Form Revisited
Zach	Hylton	Poli Science & Soc/Anth	Paddy Dale	Corruption and the Consolidation of the Rule of Law in Romania and Bulgaria
Molly	Ladwig	Psychology	Dana Gross	Lights, Action, Parent: Analysis of Video Interventions through Parent, Child, Teacher Interactions
Anne	LaRoche	American Studies & History	Jim Farrell	American Culture of Happiness
Pa Ku	Lee	Social Work	Devyani Chandran	Adults Aging with HIV/AIDS: Strengths Displayed
Fatima	Omar	Soc/Anth & ARMS	Abdulai Iddrisu-aa Mike Fitzgerald	Beyond Black: the Relationship Between African Americans and Somali College Students
Courtney	Payne	Psych/Family St.	Gary Muir	The Neural Basis of Spatial Navigation and Orientation
Doboul APR: 2010	Ruon	Chemistry/History		
Xong APR: 2010	Yang	Nursing	Kevin Crisp	Endogenously-released Biogenic Amines Regulate the Pulse Rate in Dorsal Blood Vessel of Lumbriculus variegates
Class of 2010 (12 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Ahmed	Ali	Exercise Science	Goldsworthy/Wicks	Selected Differences in Muscle Skeletal Characteristics Between Black and White Athletes
Polina	Bugayev	Soc/Anthropology	Chris Pappas	Latino Participation in Twin Cities Hip Hop
Tenzin	Choerap	Math	Steve Soderlind & •Robert Entenmann	Chinese Economic Impact on the Tibetan Tenants and Manorial Serfs, 1950-1978

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Ian	Gacheru	Math & Econ	Charlie Moore -aa	The Business Side of Medicine
Christina	Hodge	Psych & Exercise Science	Donna McMillan	Investigations into Biophilia: A Study of State Park Rangers
Eric	Khuong	Psych & Asian Studies	Gary Muir	The Influence of Alcohol on Firing Properties of Head Direction Cells
Tenzin Tsetan	Lobsang	Biology	Kevin Crisp	Endogenously-released Biogenic Amines Regulate the Pulse Rate in Dorsal Blood Vessel of Lumbriculus variegates
Daniel	Plunkett	Psychology	Clark Ohnesorge Jr.	The Asymmetry of Action and Inaction
Violet	Thor	Soc/Anthro	Grace Cho	Culture and Gender in Hmong and European American Students' Worries
Choua	Vang	Social Work	•Rika Ito	Hmong American Female Vowel Production in the Twin Cities
Mai T	Vang	Social Work & Asian Studies	Rika Ito	Hmong American Female Vowel Production in the Twin Cities
Betty	Yang	Social Work & Family Studies	•Sharon Powell	Hunger at Home: Food Security Among Rural Families in Minnesota
Class of 2009 (15 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Gavin	Ancheta	Biology	Mike Swift	Effects of Nutrient Concentrations on Macroinvertebrate Taxa Richness
Brenda	Ascencio	Studio Art	Steve Edwins	Green Architecture and the Reuse of the Gehl-Mittlsted House
Bibiche	Botembe	Social Work	Diane Angell	The Use of Neighborhood Parks and the Relationship Between Park Access and Home Value in Northfield
Dustin	Burgemeister	Exercise Science	Cindy Book	Validity of the Verticle Jump
Jonathan	Hernandez	Spanish, Education & ESL	Heather Campbell	The Technical Adequacy of Passage Copying
Mai Der (Paj Ntaub)	Lee	ARMS	Heather Campbell	The Effectiveness of an Urban Immersion Education Course for Pre-service Teachers
Essa	Mohamed	Chemistry	Doug Beussman	Identifying Proteins Using MALDI TOF/TOF
Lan	Nguyen	Nursing	Kevin Crisp	Microglia Accumulation in Injured Earthworm Nervous Tissue
Dorjee	Norbu	Biology	Howard Thorsheim	Investigating Psychophysiology Laboratory Experiences for Community Colleges
Kristina	Poplavska	Exercise Science	Diane Angell	The Use of Neighborhood Parks and the Relationship Between Park Access and Home Value in Northfield
Jose	Ramirez	Biology	Kevin Crisp	Visualizing Microglial Migration in the Earthworm Nerous System
Demaya	Riddley	English	Elizabeth Leer	Improving Educational Opportunity for African-American Students
Nardos	Tesfalidet	Social Work	Sharon Powell	Hunger at Home: Food Security Among Rural Families in Minnesota

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Whitney	White	CIS: Native Amer. Studies	Carolyn Anderson	Prairie Island Dakota Oral History
Sandy	Yang	Family Studies	Robert Entenmann	Shamanism and Christianity Among the Hmong in America
Class of 2008 (3 McNair students)				
McNair Scholar Name		Major	Faculty Mentor	Research Topic
Tendor	Norbu	Soc/Anth	Robert Entenmann	Educating Tibetan Youth: Factors that Contribute to Pursuit of Higher Ed in MN
Mai Nhia	Thao	Family Studies	Sharon Powell	Hmong Women's Perspectives: Under-standing Divorce within Hmong Families
Ka Zoua	Xiong	Asian & Women's Studies	Chris Chiappari	Perspectives of Hmong Women: the St. Olaf College Experience

• = mentored more than one year or more than one student.

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