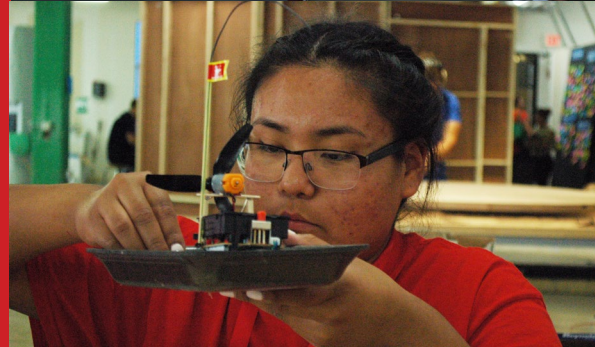


NCIA/MATC Sovereign Native Youth STEM Leadership Academy

June 2-7, 2019
Lincoln, NE



MID-AMERICA
TRANSPORTATION CENTER





The Sovereign Native Youth STEM Leadership Academy is a summer program that provides Native American students with an extended learning opportunity in science, technology, engineering, and math (STEM) subjects.

Students explore a wide range of education and career options after high school through the mentorship of Native American faculty, university students, and professionals in the public and private sector.

The academy offers a broad range of interactive, hands-on activities that build leadership skills while engaging with Native American history and culture.

ACADEMY LEADERSHIP



Ms. Judi gaiashkibos
Executive Director
Nebraska Commission on Indian Affairs

Phone: (402) 471-3494
Email: judi.gaiashkibos@nebraska.gov

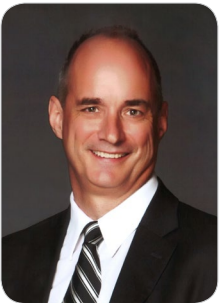


Ms. Judi gaiashkibos has been the executive director of NCIA since 1995. She has worked with the government and private sector to provide opportunities for Nebraska Indians, fostered diversity and cultural sensitivity in the Nebraska State Legislature, promoted state and federal legislation, and advanced sovereignty issues.

She is an enrolled member of the Ponca Tribe of Nebraska and holds degrees in Human Relations and Leadership from Doane College. She was the 2012 recipient of the Humanities Nebraska Sower Award and has developed educational opportunities for native youth including the ongoing Sovereign Native Youth Leadership Camp and the Chief Standing Bear Scholarships.

Ms. gaiashkibos has served as Advisor and Adjunct Professor to the Native Daughters Projects One and Two at the University of Nebraska-Lincoln's School of Journalism and served countless non-profit and institutional boards including University of Nebraska President's Advisory Council, United Way, Doane University Board of Trustees and the Governor's Education and Workforce Roundtable.

Under her leadership the Bi-annual Chief Standing Bear Breakfast has grown to be a powerful, diverse convocation of people promoting awareness and understanding of the achievements of Native People throughout Nebraska and the United States.



Dr. Laurence Rilett, P.E.
Keith W. Klaasmeyer Chair in Engineering and Technology
Distinguished Professor
Director, Mid-America Transportation Center

Phone: (402) 472-1992
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MID-AMERICA
TRANSPORTATION CENTER

Dr. Laurence R. Rilett is a distinguished professor of Civil Engineering at the University of Nebraska-Lincoln (UNL). He also serves as the director of the UNL Mid-America Transportation Center, which is the U.S. Department of Transportation Region 7 University Transportation Center, and the Nebraska Transportation Center, which is the umbrella organization for all transportation research at the University of Nebraska.

Dr. Rilett received his B.A.Sc. degree and his M.A.Sc. degree from the University of Waterloo and his Ph.D. degree from Queen's University. He has held academic positions of assistant professor and associate professor at the University of Alberta, and assistant professor, associate professor, and professor at Texas A&M University. Additionally, he is a professional engineer in the state of Texas.

Dr. Rilett has been a principal investigator or co-principal investigator on over 50 research projects. His field of research is transportation system analysis, which may be divided into two main areas: Intelligent Transportation Systems applications and large-scale transportation system modeling. He has authored or co-authored over 60 refereed journal papers and over 90 conference papers based on his research. In 2002 he was awarded the Texas Transportation Institute TTI/Trinity Researcher Award and in 2007 he received the UNL College of Engineering Research Award. Dr. Rilett is an associate editor of the ASCE Journal of Transportation Engineering and is on the editorial board of the Journal of Intelligent Transportation Systems: Technology, Planning, and Operations.



Mr. Gabriel Bruguier
Education & Outreach Coordinator
Mid-America Transportation Center

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MID-AMERICA
TRANSPORTATION CENTER

Mr. Gabriel Bruguier is an enrolled member of the Yankton Sioux Tribe. He is the education and outreach coordinator at the Mid-America Transportation Center.

He is currently ABD in Philosophy at the University of Nebraska-Lincoln. He will defend his dissertation on the topic of meaning in life in Summer 2019. He holds a Licenciante Degree in International Relations from the Universidad de las Americas Puebla, Mexico; a B.A. in Philosophy from the University of Minnesota, Morris; and an M.A. in Philosophy from the University of Nebraska-Lincoln.

He is the City of Lincoln representative for the Nebraska Commission on Indian Affairs. Last but not least, he is an avid cyclist, and a mechanic and board member at the Lincoln Bike Kitchen.



Dr. Christopher Cornelius
 Professor
 Education and Diversity Coordinator
 Mid-America Transportation Center

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Dr. Christopher Cornelius is a professor of Chemical and Biomolecular Engineering at the University of Nebraska-Lincoln. He received his master's degree and Ph.D. in Chemical Engineering from Virginia Tech. His work investigates fundamental material interrelationships between structure, physical properties, and transport using synthetic polymers, ionomers, hybrid organic-inorganic materials, and sol-gel glasses. These efforts are related to selective transport (controlled molecule delivery), gel thermodynamics (strength and function), sol-gel chemistry (high temperature glass fibers), energy (batteries, fuel cells, water electrolysis), and water desalination (reverse osmosis and electrodialysis). His teaching experiences encompass transport phenomena (mass and energy), fluid transport, thermodynamics emphasizing fluid-phase equilibria, polymer chemistry and physics, and aspects of chemical engineering unit operations. Before academia, he was a staff scientist at Sandia National Laboratories developing hydrocarbon ionomers, fuel cells, and gas separations. This work resulted in numerous collaborations with industry and university faculty throughout the world.

Dr. Cornelius currently serves as the editor for the Journal of Materials Science and as a referee for 13 journals. He is a member of the American Indian Science and Engineering Society, the Society of American Chicanos and Native Americans, and a Minority Affairs Member for the American Chemical Society. Dr. Cornelius has received numerous awards for his contributions to research and education.



Ms. Rebekka Schlichting
 Assistant Director
 Vision Maker Media

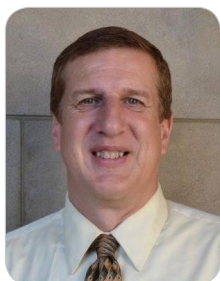
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VISION MAKER
 MEDIA

Ms. Rebekka Schlichting is the assistant director of Vision Maker Media, whose mission is to empower and engage Native People to tell stories. An enrolled member of the Ioway Tribe of Kansas and Nebraska, Ms. Schlichting earned a master's in professional journalism from the University of Nebraska-Lincoln. She earned her bachelor's degree in journalism from the University of Kansas.

She has served as an adjunct professor and graduate teaching assistant at the University of Nebraska's College of Journalism and Mass Communications. Ms. Schlichting taught Native leadership workshops and skills at the Nebraska Commission on Indian Affairs, SNYL Academy. Ms. Schlichting served as producer at KUJH TV News in Lawrence, Kansas, and interned at Kansas Public Radio and Vision Maker Media. She is the chair of the powwow committee for the Ioway Tribe of Kansas and Nebraska.



Mr. Scott Shafer
 Administrative Assistant II
 Nebraska Commission on Indian Affairs

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Mr. Scott Shafer began working for NCIA in October 2008. He previously worked for the Nebraska Department of Corrections and the American Legion Department of Nebraska. His background is in public relations and marketing. He is a graduate of the Lincoln School of Commerce and also attended the University of Nebraska.

Mr. Shafer helped develop NCIA's Sovereign Native Youth Leadership Program and assists in grant and program development for the Commission as well as planning and coordination of the annual Chief Standing Bear Breakfast. He has played a key role in the development and return of the Ponca tribe's grey corn, and is currently program head for development of the Chief Standing Bear Historic Trail project. He is a graduate of the Seward County Leadership Development Program, a past recipient of the Lincoln YWCA's Mentorship Award, and currently serves on review boards for Grants to American Indians in Nebraska and United Way Food and Shelter State Set Aside. He is also on the Hispanic Heritage Planning Committee and the MLK Planning Committee.



Ms. Michele Blackbird Barcelona

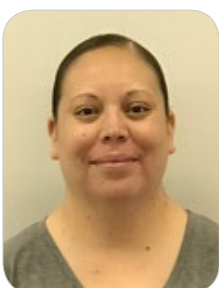
Special Education Teacher
Umo^Nho^N Nation Public School

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Ms. Michele Blackbird Barcelona is an enrolled member of the Umo^Nho^N Nation, and a direct descendant of Chief Blackbird. Ms. Barcelona currently teaches at the Umo^Nho^N Nation Public School, where she worked as a paraprofessional while in graduate school. She has since spent her ten-year teaching career working with secondary students. She has taught Alternative Education, Middle School Science, Credit Recovery, and Secondary Life Skills. These diverse classrooms have allowed her to gain experience in teaching all subjects, including Umo^Nho^N Language. She also spent five years teaching algebra at Little Priest Tribal College as an adjunct professor in the evenings and summer.

Ms. Barcelona holds a Bachelor of Arts degree in English/creative writing from Creighton University in Omaha, Nebraska, and a Master of Education in mild/moderate - special education from the University of Nebraska-Lincoln. She also holds teaching certifications in elementary education, ESL for K-12, special education 7-12, High Objective Uniform State Standard of Evaluation (HOUSSE) endorsement for secondary language arts (7-12), and HOUSSE endorsement for secondary natural sciences (7-12). She has recently started working on master's courses in Curriculum Instruction Leadership tract and K-12 Principal tract.



Ms. Ruth LaPlante

Fourth Grade Teacher
Santee Community School

Phone: (402) 860-1925
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Ms. Ruth LaPlante is an enrolled member of the Santee Sioux Nation. Ms. LaPlante is the fourth grade homeroom teacher at the Santee Community School. She also teaches 4th-6th grade science. In May 1999, Ms. LaPlante graduated from Andes Central High School top three of her class. In May 2012, she received an AA degree in human sciences from the Nebraska Indian Community College. She graduated with a Bachelor of Science in education and human sciences from the University of Nebraska-Lincoln in August 2014. Before returning to school to become an educator, Ms. LaPlante worked at the Tribal Alcohol Program for 12 years. She worked as a paraprofessional at Santee Community School while taking classes through the Indigenous Roots Teacher Education Program. Ms. LaPlante resides in Santee, Nebraska with her husband and four children.



Ms. Samantha Loutsch

High School Science Teacher
Winnebago Public School

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Ms. Samantha Loutsch received her bachelor's degree in chemistry from South Dakota State University, where she was active in the Pride of the Dakotas marching band and the National Science Teachers Association chapter on campus. She has been teaching high school science in Winnebago since graduating from SDSU in 2013. She is currently pursuing a master's degree in education leadership from Morningside College.



Ms. Sydney James

Ms. Sydney James is an enrolled member of the Oglala Sioux Tribe. She is a recent graduate from the University of Nebraska-Lincoln where she earned a Bachelor of Science degree in Civil Engineering and is starting her Master's degree in Civil Engineering in the summer of 2019. Ms. James has been involved in MATC's various outreach programs for the last two years. During the school year, she is a mentor for Roads, Rails, and Race Cars, MATC's engineering after-school program for local middle school students. She is a member of the Midwest Association of Technical Accident Investigators (MATAI) as well as the American Indian Science and Engineering Society (AISES) and a recipient of the All Nations Louis Stokes Alliance for Minority Participation Scholarship. Ms. James is also an ice hockey official and plays for the Husker Women's Hockey Club team at UNL.



Ms. Kassie Phillips

Ms. Kassie Phillips is from the Omaha Tribe of Nebraska and is currently pursuing a degree in Business Entrepreneurship at Nebraska Indian Community College. She plans to transfer to a 4-year institution to continue her education in business. After obtaining her 4-year degree, Ms. Phillips plans to return to her hometown on the reservation and start various youth programs. Ms. Phillips says, "I have a lot of respect for my tribe and our reservation as a whole. I want our youth to have positive activities and environments to help motivate our community as a whole." Ms. Phillips wants to start a business that can help Native young adults obtain jobs and assist high school seniors with getting an early start on earning college credits. Ms. Phillips believes that, "Our generation must see that our education is sacred and that no matter what the situation, obtaining your education can be reached."



Ms. Sarah Thomas

Ms. Sarah Thomas is a senior at Trinity College in Hartford, CT, where she studies Political Science and German Studies. Her concentration is in comparative politics, and her research focuses on both the recent electoral rise of far-right populism in Germany and international political economics. At Trinity, Sarah serves as a Head Tutor at the Alan K. Smith Center for Writing and Rhetoric, and is a member of the women's rowing team. She participates in Venture, a women's leadership program at Trinity, and works as a first-year mentor to facilitate first-year students in the transition to college. Last summer, Ms. Thomas worked for the Nebraska Commission on Indian Affairs.



Mr. Daniel Cornelius

Mr. Daniel Cornelius is an electrical engineering student at the University of Nebraska-Lincoln. He will be a junior in the fall. Before changing majors to electrical engineering, he was in the biological systems engineering program. While studying biosystems engineering, he worked in a biochemistry lab at UNL. During this time, he helped facilitate a women in science event and another event for high schoolers where he provided a tour of the lab and an overview of lab procedures and activities, including extracting DNA from spinach leaves and running gel electrophoresis. He currently works as a waiter at The Oven, and enjoys playing instruments and working with electronic gadgets.



Sen. Tom Brewer
 Senator
 Nebraska State Legislature

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 Email: tbrewer@leg.ne.gov



Sen. Tom Brewer served our nation for over 37 years as a US Army Colonel. He began his military career in the Nebraska Army National Guard and was commissioned as an infantry officer in 1982. Later, he graduated from the toughest school in the army and became an airborne ranger, following in the footsteps of his father. After becoming a helicopter pilot, he commanded an Air Cavalry Troop. He mobilized for Operation Desert Storm and earned two Bronze Star medals and two Purple Heart medals while serving in Afghanistan. Now, he is active in many veterans organizations and helped found the non-profit organization Heroes and Horses, which helps vets with serious physical or mental disabilities. In 2016, Sen. Brewer was elected as a Republican member of the Nebraska State Legislature, representing the 43rd district, which is comprised of thirteen counties in the western Nebraska Sandhills. Sen. Brewer is the first Senator of Native American descent to serve in Nebraska's Unicameral.



Mr. Reed Robinson
 Tribal Relations Manager
 National Park Service

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 Email: reed_robinson@nps.gov



Mr. Reed Robinson is an enrolled citizen of the Rosebud Sioux Tribe (Sicanju, Lakota), a 28-year veteran of the National Park Service, and the NPS/Midwest Regional (MWR) Tribal Relations & Indian Affairs Manager. Mr. Robinson has served in nine other park service units including superintendent of Devils Tower NM (Mato Tipila), deputy superintendent of Badlands NP, and recently acting NPS Tribal Liaison Officer. In addition to his expertise of historic preservation, natural resource management, and park leadership and operations, Mr. Robinson lived in seven other countries in 16 years as the son of an American diplomat. These combined experiences have provided him a broad peripheral perspective of cultural sensitivity, social justice, and a diplomatic style of program delivery. The MWR's office with Mr. Robinson at the helm is dynamic, unique, and instrumental in shaping positive tribal relations across broad, multi-disciplinary areas while advocating within NPS the myriad tribal interests and NPS treaty, trust, statutory, etc. responsibilities to American Indians. Mr. Robinson is a graduate of the Harvard Kennedy School-Senior Executive Fellows.



Dr. Lance C. Pérez
 Dean of the College of Engineering
 Omar H. Heins Professor of Electrical and
 Computer Engineering
 University of Nebraska-Lincoln

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 Email: lcperez@unl.edu



Dr. Lance C. Pérez was named dean of the University of Nebraska-Lincoln College of Engineering in May 2018, following two years as interim dean. An experienced academic and campus leader, Pérez previously was associate vice chancellor for academic affairs and dean of graduate studies at the university. He has been a faculty member in the Department of Electrical and Computer Engineering since 1995, where he holds the Omar H. Heins Professorship in Electrical and Computer Engineering.

In his previous administrative positions, Pérez was responsible for faculty and leadership development, promotion and tenure, instruction technology and classroom facilities' improvements, and graduate education. He led the implementation of \$30 million in improvements to the academic facilities and played a pivotal role in the university's entrance into the Big Ten Committee on Institutional Cooperation.

As a faculty member, he has won numerous teaching awards and has been principal investigator or co-principal investigator on more than \$15 million in federally funded research. His research interests include signal and information processing, engineering education, and faculty leadership development. From 2008-10, Pérez was a program director in the Division of Undergraduate Education at the National Science Foundation.

He has a B.S. in Electrical Engineering from the University of Virginia, and an M.S. and Ph.D. in Electrical Engineering from the University of Notre Dame.



Mr. Matt Mason
 Executive Director, Nebraska Writers Collective
 Nebraska State Poet

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 Email: director@newriters.org



Mr. Matt Mason is the Nebraska State Poet and Executive Director of the Nebraska Writers Collective. He runs poetry programming for the State Department, working in Nepal, Romania, Botswana, and Belarus. Mason is the recipient of a Pushcart Prize for his poem “Notes For My Daughter Against Chasing Storms” and his work can be found in numerous magazines and anthologies, including Ted Kooser’s American Life in Poetry. The author of Things We Don’t Know We Don’t Know (The Backwaters Press, 2006) and The Baby That Ate Cincinnati (Stephen F. Austin University Press, 2013), Matt is based out of Omaha with his wife, the poet Sarah McKinstry-Brown, and daughters Sophia and Lucia.



Mr. Luis Sotelo
 Chief Diversity Officer
 Doane University

Phone: (402) 826-8116
 Email: luis.sotelo@doane.edu



Mr. Luis Sotelo is a teacher at heart and a champion of human potential. He is the Chief Diversity Officer and Special Assistant to the President at Doane University, where he serves on the senior executive team. He leads the university-wide portfolio on educational access, equity, and inclusion. As an advocate for educational opportunities for all, at the age of 16, he co-founded a youth development nonprofit that trained youth leaders to launch community initiatives across Nebraska. Luis has served as a high school teacher, speech director, university admission counselor, college advisor, consultant to state departments of education, and guest speaker on educational issues at state and national forums, including those hosted by the U.S. Department of Education.

Luis’ commitment to public service inspired him to run for Nebraska’s State Senate in rural legislative district 36 in 2014. He currently serves on the board of directors of the Crete Chamber of Commerce, Blue Valley Community Action Partnership, and Nebraska CASA. Previously, he was the Vice President of the Lexington Public Library Board of Trustees and a member of the executive team of the ACLU of Nebraska Board of Directors.

Luis has been a spokesperson on immigrant and Latinx issues on the pages of USA Today and has been quoted in regional and national Spanish-language media outlets including Noticieros Televisa, Fox News Latino, and Telemundo.

Luis is a Coca-Cola Scholar and a graduate of Northwestern University’s School of Communication and Center for Leadership. He’s a qualified Intercultural Development Inventory administrator and earned a leadership coaching certificate from the Center for Creative Leadership. In 2015, he received the “Inspiration Award” from the Nebraska Latino American Commission for his work in Nebraska schools and communities.



Sunday, June 2, 2019

Time	Agenda	Location
12:30-1:00 p.m.	Student Arrival	Abel Hall 860 N 17th St, Lincoln, NE University of Nebraska-Lincoln
1:00-2:00 p.m.	Welcome Lunch & Introductions, Pre-Camp Testing	Nebraska Hall Engineering Library 901 N 17th St, Lincoln, NE University of Nebraska-Lincoln
2:00-3:00 p.m.	Ice Breaker Activities with World of Connections	Nebraska Hall Engineering Library
3:00-4:20 p.m.	Receive Bikes and Helmets & Safety Basics	Abel Hall
4:20-4:30 p.m.	Transition to Morrill Hall	Morrill Hall 645 N 14th St, Lincoln, NE University of Nebraska-Lincoln
4:30-5:30 p.m.	Scavenger Hunt	Morrill Hall
5:30-6:30 p.m.	Introductions to Public Audiences	Morrill Hall <i>Classroom, 4th Floor</i>
	Mr. Luis Sotelo, Chief Diversity Officer, Doane University Mr. Matt Mason, Executive Director of Nebraska Writers Collective, Nebraska State Poet	
6:30-8:15 p.m.	Opening Ceremony	Morrill Hall <i>Elephant Room</i>
8:15-8:20 p.m.	Return to Dorms	
8:20-8:50 p.m.	Complete Daily Survey	Nebraska Hall <i>Computer Lab</i>
8:50-10:00 p.m.	Supervised Activities at Dorms	Abel Hall <i>Rec Center</i>
10:00 p.m.	Roll Call and Curfew	Abel Hall



Monday, June 3, 2019

AGENDA

Time	Agenda	Location
7:45 a.m.	Morning Roll Call	Abel Hall
7:45-8:30 a.m.	Breakfast	Abel Hall
8:30-9:00 a.m.	Bike to UNL Innovation Campus	
9:00-10:30 a.m.	How to Advocate for Yourself and Others through Public Speaking	Innovation Studio 2021 Transformation Dr #1500, Lincoln, NE
	Mr. Luis Sotelo, Chief Diversity Officer, Doane University Mr. Matt Mason, Executive Director of Nebraska Writers Collective, Nebraska State Poet	
10:30-10:45 a.m.	Flex Time/Break	Innovation Studio
10:45 a.m.- 12:00 p.m.	Boat Activity I	Innovation Studio
	Dr. Chris Cornelius, UNL Professor, MATC Education and Diversity Coordinator Ms. Sydney James, UNL Civil Engineering Graduate Student, NCIA/MATC SNY STEM Leadership Academy Mentor	
12:00-12:45 p.m.	Lunch	The Mill, Innovation Campus 2021 Transformation Dr #1350, Lincoln, NE, <i>The Club</i>
12:45-1:45 p.m.	Native American Student Experience Panel	The Mill, Innovation Campus <i>The Club</i>
	Ms. Sky Morgan, UNL Undergraduate Research Assistant, Center for Digital Research and Humanities Ms. Rebekka Schlichting, Assistant Director, Vision Maker Media Ms. Angel Geller, Native American Student Advocate, Lincoln Public Schools Ms. Channing Stellato, UNL Graduate Research Assistant, Lai Lab Ms. Kirby Williams, Domestic Violence Outreach Coordinator, Native American Program, Legal Aid of Nebraska	
1:45-2:15 p.m.	Breakout Sessions	The Mill, Innovation Campus <i>The Club</i>
2:15-2:25 p.m.	Break	
2:25-5:00 p.m.	Boat Activity II	Innovation Studio
	Dr. Chris Cornelius, UNL Professor, MATC Education and Diversity Coordinator Ms. Sydney James, UNL Civil Engineering Graduate Student, NCIA/MATC SNY STEM Leadership Academy Mentor	
5:00-5:30 p.m.	Transition to East Campus	
5:30-7:00 p.m.	Dinner and Bowling Party	East Campus Union 1705 Arbor Dr, Lincoln, NE <i>Lanes 'N Games</i>
7:00-7:30 p.m.	Transition to City Campus	
7:30-8:00 p.m.	Complete Daily Survey	Nebraska Hall <i>Computer Lab</i>
8:00-10:00 p.m.	Supervised Activities at Dorms	Abel Hall
10:00 p.m.	Roll Call and Curfew	Abel Hall

Tuesday, June 4, 2019

Time	Agenda	Location
7:45 a.m.	Morning Roll Call	Abel Hall
7:45-8:30 a.m.	Breakfast	Abel Hall
8:30-8:35 a.m.	Transition to Classroom	Nebraska Hall Engineering Library
8:45-10:30 a.m.	Issue Speech Preparation	Nebraska Hall Engineering Library
	Mr. Luis Sotelo, Chief Diversity Officer, Doane University Mr. Matt Mason, Executive Director of Nebraska Writers Collective, Nebraska State Poet	
10:30-11:00 a.m.	Break/Flex Time Transition to Memorial Stadium	Memorial Stadium 1 Memorial Stadium Drive, Lincoln, NE, <i>Osborne Complex</i>
11:00-11:45 a.m.	Memorial Stadium Tour	Memorial Stadium
11:45 a.m.- 12:15 p.m.	Transition to Governor's Mansion	
12:15-1:20 p.m.	Lunch at Governor's Mansion	Governor's Mansion 1425 H St, Lincoln, NE
	Ms. Susanne Shore, First Lady of Nebraska	
1:20-1:30 p.m.	Transition to Nebraska State Capitol	
1:30-2:30 p.m.	Meet with Senator Tom Brewer	Nebraska State Capitol 1445 K St, Lincoln, NE
	Senator Tom Brewer, Nebraska State Legislature	
2:30-3:15 p.m.	Nebraska State Capitol Tour: Observation Deck	Nebraska State Capitol
3:15-3:30 p.m.	Transition to Nebraska History Museum	
3:30-5:30 p.m.	"The Omaha Speaking" Documentary & Panel	Nebraska History Museum 131 Centennial Mall N, Lincoln, NE
	Dr. Rudi Mitchell, Omaha Tribal Elder, Professor of Native American Studies, Creighton University Ms. Renee Sans Souci, Omaha Tribal Member, Teaching Artist	
5:30-5:45 p.m.	Transition to City Campus	
5:45-6:45 p.m.	Dinner	Nebraska Hall Engineering Library
6:45-7:15 p.m.	Complete Daily Survey	Nebraska Hall <i>Computer Lab</i>
7:15-10:00 p.m.	Supervised Activities at Dorms	Abel Hall
10:00 p.m.	Roll Call and Curfew	Abel Hall

Wednesday, June 5, 2019

Time	Agenda Item	Location
7:45 a.m.	Morning Roll Call	Abel Hall
7:45-8:15 a.m.	Breakfast	Abel Hall
8:15-9:30 a.m.	Transition to University of Nebraska Medical Center	
9:30 a.m.- 12:30 p.m.	Tour of University of Nebraska Medical Center	University of Nebraska Medical Center Emile St & S 42nd St, Omaha, NE
12:30-1:15 p.m.	Lunch at University of Nebraska Medical Center	University of Nebraska Medical Center
1:15-1:55 p.m.	Transition to Strategic Air Command & Aerospace Museum	
1:55-3:15 p.m.	Self-Guided Tour of Strategic Air Command & Aerospace Museum	Strategic Air Command & Aerospace Museum 28210 W Park Hwy, Ashland, NE
3:15-3:55 p.m.	Transition to East Campus	
4:00-6:00 p.m.	Biological Systems Engineering Hands-on Activities	East Campus 3605 Fair St, Lincoln, NE <i>Chase Hall</i>
	Dr. Greg Bashford, UNL Professor and Biomedical Engineer, Chair of Biomedical Engineering Graduate Program	
6:00-6:15 p.m.	Transition to City Campus	
6:15-7:00 p.m.	Dinner	Nebraska Hall of Engineering Library
7:00-7:30 p.m.	Complete Daily Survey	Nebraska Hall <i>Computer Lab</i>
7:30-8:30 p.m.	Group Work on Speaking Projects	Nebraska Hall Engineering Library
8:30-10:00 p.m.	Supervised Activities at Dorms	Abel Hall
10:00 p.m.	Roll Call and Curfew	Abel Hall



Thursday, June 6, 2019

Time	Agenda Item	Location
7:45 a.m.	Morning Roll Call	Abel Hall
7:45-8:30 a.m.	Breakfast	Abel Hall
8:30-9:00 a.m.	Transition to Innovation Campus	
9:00-11:30 a.m.	Bicycle Activity I	Innovation Studio
	Dr. Chris Cornelius, UNL Professor, MATC Education and Diversity Coordinator Ms. Sydney James, UNL Civil Engineering Graduate Student, NCIA/MATC SNY STEM Leadership Academy Mentor	
11:30 a.m.- 12:00 p.m.	Practice Presentations	Innovation Studio
12:00-12:45 p.m.	Lunch	The Mill, Innovation Campus <i>The Club</i>
12:45-1:30 p.m.	Native Career Pathways Panel	The Mill, Innovation Campus <i>The Club</i>
	Mr. Kevin Abourezk, Managing Editor at Indianz.com Ms. Shirley Sneve, Executive Director, Vision Maker Media Ms. Kate Martz, Attorney, Baylor Evnen, LLP Dr. Barbara Buttes, Native American Youth Demonstration Grant Coordinator, Lincoln Public Schools, Federal Programs Dr. Colette Yellow Robe, UNL Assistant Director for Non-Cognitive Learning/Leadership, Student Support Services - TRiO Programs Ms. Sarah Rowe, Visual and Performance Artist Ms. Crystal Ross, Retention Advisor - Student Services, Nebraska Indian Community College	
1:30-2:30 p.m.	Breakout Session with Advocacy Speech Presentations	The Mill, Innovation Campus, The Club
2:30-4:30 p.m.	Bicycle Activity II	Innovation Studio
	Dr. Chris Cornelius, UNL Professor, MATC Education and Diversity Coordinator Ms. Sydney James, UNL Civil Engineering Graduate Student, NCIA/MATC SNY STEM Leadership Academy Mentor	
4:30-4:45 p.m.	Transition to Dorm	
4:45-5:45 p.m.	Get Ready for Formal Dinner	Abel Hall
5:45-6:00 p.m.	Transition to Memorial Stadium	
6:00-8:00 p.m.	Formal Dinner	Memorial Stadium <i>North Stadium Skyline Club, 7th Floor</i>
Keynote Speaker:	Mr. Reed Robinson, Tribal Relations Manager, National Park Service "Strengthening Sovereignty on the Red Road: Survey, Design, Construction, Maintenance"	
8:00-8:30 p.m.	Complete Daily Survey	Abel Hall
8:30-10:00 p.m.	Supervised Activities at Dorms	Abel Hall
10:00 p.m.	Roll Call and Curfew	Abel Hall

Friday, June 7, 2019

Time	Agenda Item	Location
7:45 a.m.	Morning Roll Call	Abel Hall
7:45-8:30 a.m.	Breakfast	Abel Hall
8:30-11:00 a.m.	Final Video Project Preparation	Love Library 1318 R St, Lincoln, NE 68588 University of Nebraska-Lincoln
11:00 a.m.- 12:00 p.m.	College Admissions Panel	Willa Cather Dining Complex 530 N 17th St, Lincoln, NE 68588, University of Nebraska-Lincoln <i>Pioneers Room</i>
	Ms. Crystal Ross, Retention Advisor - Student Services, Nebraska Indian Community College Mr. Radell Nared Jr., UNL Senior Assistant Director for Diversity & Community Outreach Mr. Daniel Maganda Sandoval, Admission Counselor for Diversity & Recruitment, Doane University Ms. Sinai Carrillo, Recruiter, Little Priest Tribal College	
12:00-2:00 p.m.	Closing Ceremony	Willa Cather Dining Complex <i>Pioneers Room</i>
	Dr. Lance Pérez, UNL Dean of the College of Engineering, Omar H. Heins Professor of Electrical and Computer Engineering	
2:00-2:30 p.m.	Post-Academy Surveys	Abel Hall
2:35 p.m.	Adjourn & Board Buses to Return Home	

Nebraska Commission on Indian Affairs

The Commission on Indian Affairs was established in 1971 and consists of 14 Indian commissioners appointed by the Governor. The commission’s statutory mission is “to do all things which it may determine to enhance the cause of Indian rights and to develop solutions to problems common to all Nebraska Indians.” It is the state liaison between the four headquarter tribes of the Omaha, Ponca, Santee Sioux and Winnebago Tribes of Nebraska. It helps ensure the sovereignty of both tribal and state governments are recognized and acted upon in a true government-to-government relationship. The commission serves off-reservation Indian communities by helping assure they are afforded the right to equitable opportunities in the areas of housing, employment, education, health care, economic development and human/civil rights within Nebraska. All goals of the commission are accomplished through advocacy, education and promotion of legislation.





Mid-America Transportation Center

Since 2006 the Mid-America Transportation Center has been designated as the United States Department of Transportation Region 7 University Transportation Center. Region 7 is composed of Iowa, Kansas, Missouri, and Nebraska. MATC is a consortium of nine universities within the region: the University of Nebraska-Lincoln, the University of Nebraska Medical Center, the University of Nebraska Omaha, the Missouri University of Science and Technology, the University of Iowa, the University of Kansas, the University of Kansas Medical Center, the Nebraska Indian Community College, and Lincoln University. The University of Nebraska-Lincoln serves as the lead institution of the consortium and MATC has its headquarters on the UNL campus. MATC's research priority area is Promoting Safety with an emphasis on reducing and mitigating the negative effects associated with extreme weather effects and multi-modal hazardous goods movements. MATC strives to engage student interest and involve underrepresented groups in the STEM field to create a more diverse future in transportation. This goal led to the development of MATC's educational programs including the Roads, Rails, and Race Cars After-School Program, the Scholars Program, and the Intern Program.



Lincoln Bike Kitchen

The Lincoln Bike Kitchen is a community-building organization that provides bicycles and related resources to all people. It is run entirely by volunteers and supported by donations (bikes, parts, tools, money) from the community. The organization connects cycling to broader environmental and social issues through bike giveaways to children and community programs, bicycle recycling, and refurbishing and cycling education to youth.



Worlds of Connections

Worlds of Connections is a University of Nebraska-Lincoln led Science Education Partnership Award (SEPA) that works to enhance the diversity of the bio-behavioral and biomedical workforce by engaging youth from underrepresented groups through lessons, activities, and augmented reality/virtual reality media. The program is funded by the National Institutes of Health (NIH) and is used to promote public understanding of the benefits of NIH-funded research for public health with a focus on network science. Network science is an emerging field that provides a key analytical lens for understanding health processes using advanced relational approaches to health data.

More information can be found at their website: <http://worldsofconnections.com/>.

The NCIA/MATC Sovereign Native Youth STEM Leadership Academy is a joint activity between the Nebraska Commission on Indian Affairs, the Mid-America Transportation Center, and the Nebraska Transportation Center.

We greatly appreciate the support of:



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NCIA/MATC Sovereign Native Youth STEM Leadership Academy 2019

<https://matc.unl.edu/education/SNY-Leadership/index.php>



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