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TRANSPORTATION CENTER



MATC/NCIA Sovereign Native Youth STEM Leadership Academy

July 16-21, 2017



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Lincoln, NE

The Sovereign Native Youth STEM Leadership Academy is a summer program that exposes Native American students to STEM and transportation-related opportunities after high school and equips them with leadership skills to succeed.

Participants are empowered to positively impact their tribal communities while gaining a greater appreciation for Native American history and culture.



ACADEMY LEADERSHIP



Ms. Judi gaiashkibos
Executive Director
Nebraska Commission on Indian Affairs

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

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

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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 currently serves as the Associate Director of the University Transportation Center for Railway Safety, a Tier 1 U.S. Department of Transportation University Transportation Center at the

University of Texas Rio Grande Valley.

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 an 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
Educational Program Coordinator
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Mr. Gabriel Bruguier is an enrolled member of the Yankton Sioux Tribe. He is currently a Ph.D. student in Philosophy at the University of Nebraska-Lincoln. He received an M.A. in Philosophy from the University of Nebraska-Lincoln, a B.A. in Philosophy from the University of Minnesota, Morris, and a Licentiate degree in International Relations from the Universidad de las Americas Puebla, Mexico. He is currently writing a dissertation that focuses on the question of meaning in life. A particular interest of his is to see how meaning is achieved within an educational environment. Mr. Bruguier's future career goal is to serve Natives within the university system by providing comprehensive support for them as they

navigate their way through college. Mr. Bruguier served as a counselor for the Sovereign Native Youth Leadership Academy in 2014 and 2016. In 2017, he became the Nebraska Indian Commissioner for the City of Lincoln. Starting in Fall 2017, he will coordinate the Mid-America Transportation Center's after school program, "Roads, Rails and Race Cars" expansion to reservation schools in Macy and Winnebago. Future expansion plans will include other reservation schools in Nebraska and surrounding states.



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 Herrera-Schlichting
Adjunct Professor
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Ms. Rebekka Herrera-Schlichting is a member of the Iowa Tribe in Kansas and Nebraska. She teaches about Native Americans and reporting at the University of Nebraska-Lincoln. She is also involved with other projects that fulfill her passion of helping her people. In her free time, she rock climbs, bikes, and attends powwow, ceremonies and other tribal events.

Ms. Herrera-Schlichting grew up on the Sac and Fox reservation and graduated from Kickapoo Nation High School. After, she received a bachelor's in Journalism at the University of Kansas and then a master's degree in Professional Journalism. She has received many awards for journalism and studious efforts. She has worked with many Native youth groups including Sovereign Youth for a few years, Haskell Upward Bound, Iowa Summer Youth, Lincoln Indian Center Youth Program, and Sac and Fox Diabetes Awareness Program.



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 Schools

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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 Schools, 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 teaching Elementary Education, ESL certification for K-12, Special Education certification 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).



Ms. Ruth LaPlante
Fourth Grade Teacher
Santee Community School

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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 3 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. In May 2017, her 4th-6th grade students hosted their first annual Elementary Science Fair, which was very successful. Following the departmentalization of the elementary school this year, Ms. LaPlante is proud to announce that the majority of her students have improved on their Measures of Academic Progress (MAP) scores in Science as well as other subject areas. Ms. LaPlante resides in Santee, Nebraska with her husband and four children.



Ms. Samantha Loutsch
High School Science Teacher
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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 in Winnebago since graduating from SDSU in 2013. She is currently pursuing a master's degree in education from Morningside College.



Ms. Rebecca Plumage

Ms. Rebecca Plumage is Assiniboine and Gros Ventre. She is enrolled at the Fort Belknap Indian Community in Montana and was raised in Pierre, South Dakota. After high school, Ms. Plumage attended The Ohio State University in Columbus, Ohio where she graduated with a BA in Psychology. While in college, she completed an internship with the state of South Dakota in the division of child protection and became interested in the policies impacting Native youth in foster care. Ms. Plumage attended Washington University in St. Louis as a member of the Buder Center for American Indian Studies and earned a master’s degree in Social Work. While working towards her MSW, Ms. Plumage attended the American Indian Law Center’s Pre-Law Summer Institute in Albuquerque, New Mexico, which solidified her interests in law. In the fall, she will begin school at the Sturm College of Law at the University of Denver and plans to continue working in child welfare. Outside of school, she enjoys spending time with her family, playing darts, and watching the Buckeyes.

Ms. Plumage’s thoughts on Native leadership are reflected in the Albert Einstein quote: “You have to learn the rules of the game, and then you have to play better than anyone else.” Ms. Plumage believes that traditional values don’t often align with mainstream leadership styles, and so effective Indigenous leaders need to learn to navigate between different communities. We are asked to be confident and aggressive while remaining humble. Seeing yourself as a leader can be an uncomfortable task, but Ms. Plumage thinks it is important for Native youth to become comfortable seeing themselves as leaders and role models for the next generation.



Ms. Nicole Kills Enemy

Ms. Nicole Kills Enemy is an enrolled member of the Sicangu Oyate, Rosebud Sioux Tribe in Rosebud South Dakota. She was a graduate of Classic Upward Bound and Summer Institute of Promising Scholars at the University of Nebraska-Lincoln. Ms. Kills Enemy graduated from the University of Nebraska Omaha in 2010 with a Bachelor of Science in Criminology and Criminal Justice. She became a Bureau of Indian Affairs (BIA) police officer in the Ute Mountain Ute Agency in Towaoc, Colorado for a couple of years before returning to Lincoln. Ms. Kills Enemy is currently a Compliance Analyst with PayPal.

Ms. Kills Enemy’s thoughts on Native Leadership: “It takes one to teach one. Our ancestors and elders have all taught us how to do things and it is the way our culture has been able to keep going. Education has evolved, and without education from our elders and others we wouldn’t be where we are today. We need to help our young ones become more confident in society and empower others to become the best person they can be.”



Mr. Jacob Bear

Mr. Jacob Bear is an enrolled member of the Winnebago tribe of Nebraska. He went to school and majored in music performance. Mr. Bear started school at Northeast Community College but is transferring to another school. He has been a part of the Nebraska Commission on Indian Affairs’ Sovereign Native Youth Leadership camp for four years. Mr. Bear thinks the summer camp is the best camp he’s ever been to.

Mr. Bear believes qualities of a great leader are open-mindedness and a willingness to be critiqued and learn something from mistakes. He feels that as a Native, we are naturally open-minded and are easier to teach the importance of life and morals. Mr. Bear believes that to be a leader you must be educated and understand various points of view and philosophies of life, the reason being that you can understand everything and make choices that benefit you and everyone else.



Ms. Alyssia Veltri

Ms. Alyssia Veltri is Oglala Lakota and Apache tribes. She graduated high school in 2016 from Grand Island Senior High and is now a sophomore at Central Community College (CCC). She is majoring in International Studies. After her two years attending CCC she will then transfer to UNL. She is learning to become bilingual in Spanish and hopes to travel the world for Study Abroad. She has attended the NCIA Sovereign Native Youth Leadership camp the last two previous years. Ms. Veltri is also a member of FOCUS at CCC. The club allows members to take interest in other cultures and learn the cultures’ beliefs. The club puts together fundraisers to make trips out of state to attend meetings and other gatherings. So far the club has attended the Metro Community College powwow and a speech given by Winona Laduke about the Dakota Access Pipeline. Ms. Veltri’s hobbies are listening and finding new music, watching movies, and playing recreational softball for the Grand Island ABCDD girls softball league. Ms. Veltri’s goal is to play a bigger role in the Native community and show others to be proud of who they are.

Ms. Veltri believes that to be a leader is to be able to lead yourself, no one else, but while still considering others and having respect. To be a leader is to be the light in this ugly world. To be humble and show others that not all is terrible and that we have a choice to make things better, especially for ourselves. It’s about learning who you are and showing how proud you are to be who you are. It’s about having integrity and taking on new challenges. It’s about having disappointment and then learning something new out of it. Being a leader means you are able to get back up and keep going.



Mr. Kevin Abourezk
Night Editor
Lincoln Journal Star

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Mr. Kevin Abourezk received a Bachelor of Arts in English from the University of South Dakota and a Master of Arts in News-Editorial from the University of Nebraska-Lincoln. His master’s thesis compared newspaper coverage of the Wounded Knee Massacre of 1890 with coverage of the Wounded Siege of 1973. Mr. Abourezk is currently the Night Editor at the Lincoln Journal Star.

Over the years, Mr. Abourezk has been awarded both first and second place in the Great Plains News Contest for his contributions to journalism. In 2006, he was awarded the Casey Medal for Meritorious Journalism for his article, “Standing at the Crossroads.” This special report, published in the Lincoln Journal Star, is an examination of the flow of beer from Whiteclay, South Dakota to a nearby Pine Ridge Indian Reservation and its effect on community members, particularly the younger generation. Mr. Abourezk has served as a mentor for Native American middle school, high school, and college students in numerous capacities, including the American Indian Journalism Institute at the University of South Dakota, the Freedom Forum’s Crazy Horse Journalism Conference, the Nebraska Commission on Indian Affairs’ Native Sovereign Youth Leadership Symposium, and Reznetnews.org, a Native American news website that trained aspiring Native journalists.



Mr. Chris Howell
Director of Tribal Relations
BNSF Railway

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Mr. Chris Howell is the Director of Tribal Relations for BNSF Railway and is a citizen of the Pawnee Nation of Oklahoma. The Tribal Relations team at BNSF was established in November 2014 to initiate active dialogues and long-term working relationships with tribal nations where BNSF track and facilities are located. Mr. Howell serves on the National Advisory Council (NAC) of the Federal

Emergency Management Agency (FEMA) in Washington, DC, and serves as the Vice Chair of the Response and Recovery subcommittee of the NAC, and as the Co-Chair of the Railroad Emergency Services Preparedness, Operational Needs, and Safety Evaluation (RESPONSE) of the NAC. Prior to BNSF Chris served as the Tribal Liaison for Kansas Governor Sam Brownback and was also a Kansas Supreme Court Mediator in Civil Mediation. Mr. Howell is currently based in Fort Worth, Texas.

Sunday, July 16, 2017

AGENDA

Time	Agenda	Location
12:00 p.m.	Participant Arrival and Lunch Provided upon Check-in	University Suites UNL City Campus 1780 R St, Lincoln, NE
1:00-2:00 p.m.	Pre-Academy Evaluations	University Suites <i>Computer Lab</i>
2:00-2:45 p.m.	Academy Introduction	Love Library South 1318 R St, Lincoln, NE Second Floor <i>Learning Classroom</i>
	iPod Distribution Learning Expectations Video Diary Introduction	
2:45-3:15 p.m.	City Campus Tour	City Campus
3:15-4:30 p.m.	Sunday with a Scientist	Morrill Hall 645 N 14th St, Lincoln, NE
	Scientist: Yuguo Lee	
4:45-6:30 p.m.	Opening Ceremony	UNL City Campus Union 1400 R St, Lincoln NE <i>Regency Suite (Second Floor)</i>
	Opening Prayer by Tribal Elder Mr. Mike Wolff Welcoming Remarks from Ms. Judi gaiashkibos, NCIA Executive Director; Dr. Laurence Rilett, MATC Director; and Mr. Gabriel Bruguier, MATC Educational Program Coordinator Introduction of Teachers and Mentors	
6:35-7:30 p.m.	Video Diary	Love Library North <i>Adele Hall Learning Commons</i> Love Library South <i>Learning Classroom</i>
	Library Tour First Video Diary Entry	
7:30-7:40 p.m.	Return to University Suites	
7:40-10:00 p.m.	Supervised Activities	University Suites
10:00 p.m.	Curfew and Roll Call	University Suites

Monday, July 17, 2017

AGENDA

Time	Agenda	Location
7:30-7:35 a.m.	Morning Roll Call	University Suites
7:35-8:30 a.m.	Breakfast	Willa S. Cather Dining Complex 530 N. 17th St, Lincoln NE
8:40-9:40 a.m.	Native Experiences Panel	Jackie Gaughan Multicultural Center 1505 S St, Lincoln, NE <i>Unity Room</i>
	Members of UNL Student Organization University of Nebraska Inter-Tribal Exchange Ms. Channing Thompson, UNL Graduate Research Assistant, Lai Lab Ms. George Lee, Vision Maker Media	
9:45-11:30 a.m.	Scavenger Hunt on UNL City Campus	City Campus
11:35-11:45 a.m.	Drive to East Campus	From Morrill Hall to East Campus Visitor's Center
11:45 a.m. - 12:15 p.m.	Visit UNL College of Law	UNL College of Law 1875 N 42nd St Lincoln, NE
12:15-1:10 p.m.	Lunch	College of Law
1:15-3:15 p.m.	Tour of Biological Science Engineering Labs	UNL East Campus
3:15-5:00 p.m.	Tour of Vision Maker Media	Vision Maker Media 1800 N. 33 St, Lincoln, NE
5:00-7:00 p.m.	Bowling Party	East Campus Union Lanes 'n Games
7:05-7:15 p.m.	Drive to City Campus	East Campus Union
7:15-7:45 p.m.	Video Diary	University Suites
7:45-10:00 p.m.	Supervised Activities	University Suites
10:00 p.m.	Curfew and Roll Call	University Suites

Tuesday, July 18, 2017

AGENDA

Time	Agenda	Location
7:30-7:35 a.m.	Morning Roll Call	University Suites
7:35-8:45 a.m.	Breakfast	Willa S. Cather Dining Complex
9:00-9:45 a.m.	Visit Nebraska State History Museum	Nebraska State History Museum 131 Centennial Mall N, Lincoln, NE
	Standing Bear Trial Reenactment Second Floor Exhibit	
9:45-10:00 a.m.	Walk to Nebraska State Capitol Building along Centennial Mall	
	Visit Standing Bear Map Activity Leader: Mr. Kevin Abourezk, Lincoln Journal Star Night Editor	
10:00 a.m. - 12:00 p.m.	Tour of Nebraska State Capitol	Nebraska State Capitol 1445 K St, Lincoln, NE
	Meet with Ms. Judi gaiashkibos, NCIA Executive Director Guided Tour of Capitol Building Legislative Chamber Tour with Senator Tom Brewer	
12:00-1:30 p.m.	Drive to Barneston, NE	
1:30-2:15 p.m.	Lunch	Barneston, NE
2:15-4:00 p.m.	Explore Standing Bear Trail	Standing Bear Trail
	Stops in Wymore, Holmesville, and Blue Springs, ending in Beatrice, NE	
4:00-5:00 p.m.	Return to Lincoln from Beatrice	
5:00-6:00 p.m.	Downtime	University Suites
6:00-7:00 p.m.	Dinner	Prem S. Paul Research Center at Whittier School 2200 Vine Street, Lincoln NE <i>Room 251</i>
	Keynote Speaker: Mr. Chris Howell, Director of Tribal Relations, BNSF Railway	
7:00-9:00 p.m.	Movie	University Suites
	Hidden Figures (2017)	
9:10-9:45 p.m.	Video Diary Entry	University Suites
10:00 p.m.	Curfew and Roll Call	University Suites

Wednesday, July 19, 2017

AGENDA

Time	Agenda Item	Location
7:15-7:20 a.m.	Morning Roll Call	University Suites
7:20-7:45 a.m.	Breakfast	Willa S. Cather Dining Complex
7:50-9:00 a.m.	Drive to University of Nebraska Medical Center	42nd and Emile, Omaha, NE
9:00 -10:15 a.m.	University of Nebraska Medical Center Tour	UNMC
10:15-10:30 a.m.	Drive to Union Pacific Center	1400 Douglas St, Omaha, NE
10:30 a.m.- 2:00 p.m.	Explore Union Pacific	Union Pacific Center
	Welcome and Tour Lunch at Union Pacific Center Cafeteria Tour of Union Pacific Harriman Dispatch Center	
2:00-2:45 p.m.	Drive to Strategic Air Command and Aerospace Museum	28210 W. Park Hwy Ashland, NE
3:00-5:00 p.m.	Tour of Strategic Air Command and Aerospace Museum	Strategic Air Command and Aerospace Museum
	Tour of Museum and Hanger, joined by Senator Tom Brewer Robotics Laboratory Activities for Students	
5:00-6:00 p.m.	Return to Lincoln	
6:00-7:00 p.m.	Downtime	University Suites
7:00-8:00 p.m.	Pizza Party	University Suites
8:00-9:00 p.m.	Video Diary	Love Library
9:00-10:00 p.m.	Supervised Activities	University Suites
10:00 p.m.	Curfew and Roll Call	University Suites

Thursday, July 20, 2017

AGENDA

Time	Agenda Item	Location
7:30-7:35 a.m.	Morning Roll Call	University Suites
7:35-8:30 a.m.	Breakfast	Willa S. Cather Dining Complex
8:40-8:50 a.m.	Drive to Innovation Campus	
8:50-9:00 a.m.	Short tour of Innovation Campus	Nebraska Innovation Campus
	Led by Mr. Jerry Reif, Shop Manager, Nebraska Innovation Studio	
9:00-9:45 a.m.	Presentation on Buoyancy and Hydrodynamics	Nebraska Innovation Campus, <i>Maker's Space</i> 2021 Transformation Dr, Lincoln, NE
	Dr. Chris Cornelius, UNL Professor of Chemical & Biomolecular Engineering	
10:00 a.m.- 12:00 p.m.	RC Boat Trailer Construction Activity	Nebraska Innovation Campus <i>Maker's Space</i>
12:00-12:30 p.m.	Lunch	Nebraska Innovation Campus
12:30-3:00 p.m.	Resume RC Boat Trailer Construction Activity	Nebraska Innovation Campus <i>Maker's Space</i>
3:00-3:20 p.m.	Drive to Testing Location	TBD
3:20-4:30 p.m.	Test Boats	TBD
4:30-4:55 p.m.	Return to University Suites	
4:55-5:30 p.m.	Dress for Dinner	University Suites
5:45-8:00 p.m.	Formal Dinner	Wick Alumni Center, <i>Great Room</i> 1520 R St, Lincoln NE
	Keynote Speaker: Dr. Chris Cornelius, UNL Professor of Chemical & Biomolecular Engineering	
8:20-8:30 p.m.	Change to Comfortable Clothing	University Suites
8:30-9:00 p.m.	Final Video Diary Entry	University Suites
9:00-10:00 p.m.	Supervised Activities	University Suites
10:00 p.m.	Curfew and Roll Call	University Suites

Time	Agenda Item	Location
7:30-7:35 a.m.	Morning Roll Call	University Suites
7:35-8:30 a.m.	Breakfast	Willa S. Cather Dining Complex
8:45-11:00 a.m.	Video Diary Presentation Preparation	Love Library
11:00 a.m.- 12:00 p.m.	Parents/Guardians Visit	City Campus Union
	Students Lead Tours Parents and Students Meet with Admissions Representatives	
12:00-2:00 p.m.	Closing Ceremony	City Campus Union <i>Colonial Room (First Floor)</i>
	Opening Prayer by Tribal Elder Mr. Mike Wolff Summer Academy Review by Ms. Rebekka Herrera-Schlichting, UNL Adjunct Professor, College of Journalism and Mass Communications Presentation of Video Diaries by Students	
2:00-2:45 p.m.	Post-Academy Evaluations	City Campus Union <i>Colonial Room (First Floor)</i>
2:45-3:00 p.m.	Collect Belongings	University Suites
	Students Dismissed	

ACKNOWLEDGEMENTS

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 the U.S. Department of Transportation, BNSF Railway, and the Claire M. Hubbard Foundation in this endeavor.

Nebraska Commission on Indian Affairs



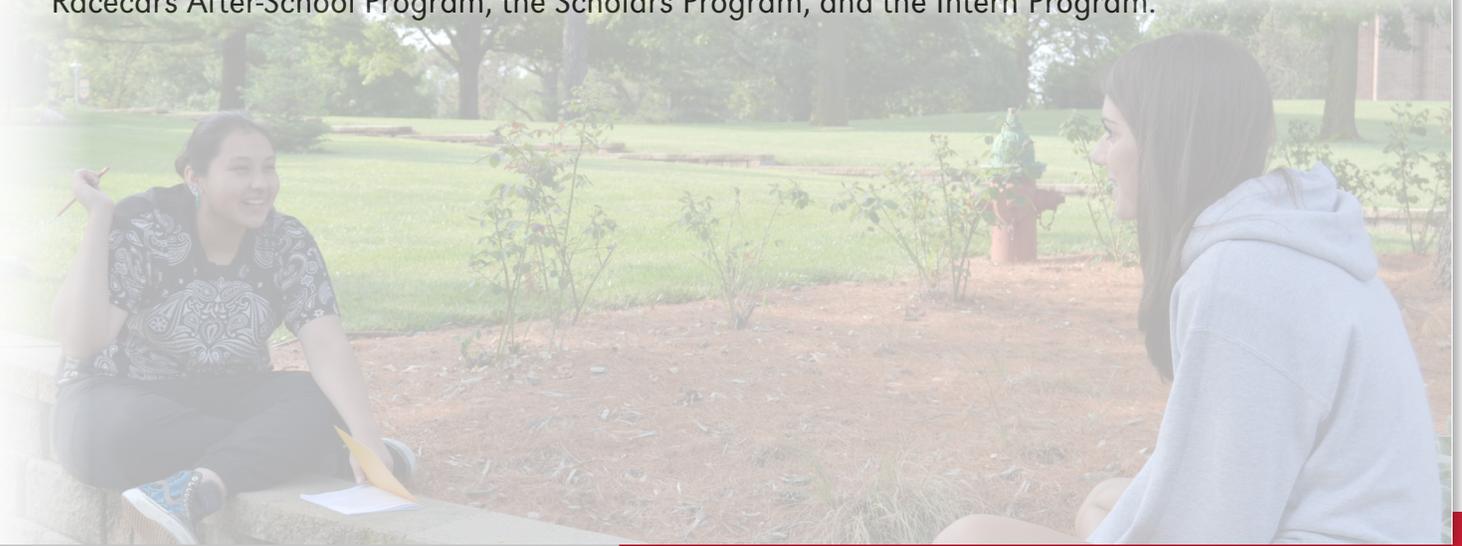
The Commission on Indian Affairs was established in 1971 and consists of 14 Indian commissioners appointed by the Governor. The commission's statutory mission is "to do all things which it may determine to enhance the cause of Indian rights and to develop solutions to problems common to all Nebraska 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-American Transportation Center



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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 educational programs including the Roads, Rails and Racecars After-School Program, the Scholars Program, and the Intern Program.



NCIA/MATC Sovereign Native Youth STEM Leadership Academy

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



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