



Connecting Tribal and Pacific Rim Colleges to Improve Indigenous Environmental Technology Education

*2014 Indigenous Fellows Institute
Impacts of Energy Resource Development*

AGENDA

*Fort Berthold Community College
New Town, ND
July 21-25, 2014*



Sunday, July 20, 2014

5:00 PM	Welcome Gathering	4Bears Casino, Arikara Room
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Monday July 21, 2014

8:00-8:45 AM	Breakfast & Welcome <i>FBCC, National PETE</i>	Cafeteria
8:45 – 10: 00 AM	Tour FBCC & History of MHA Nation <i>Thomasina Mandan, Kerry Hartman & Tom Abe</i>	Cultural Center, Classroom A
10:00-10:15 AM	Break	
10:15-12:00 PM	What is Fracking? <i>Kerry Hartman</i>	Science Classroom
12:00 – 1:00 PM	Lunch	Cafeteria
1:00 – 2:00 PM	Environmental Issues <i>Edmund Baker, MHA Environmental Dept.</i>	Science Classroom
2:00 – 5: 00 PM	Indigenous Pedagogy <i>Sharyl Majorski</i>	Science Classroom

Tuesday July 22, 2014

8:00-8:30 AM	Breakfast	Cafeteria
8:30 – 9:00 AM	Evaluations for Monday July 21, 2014	Computer Lab
9:00 AM – 10:15 AM	Preserve Mother Earth <i>Dr. Connie Frankenberg – FBCC</i> <i>Bernadine Young Bird</i>	Science Classroom
10:15 – 10:30	Break	
10:30 – 12:00	Environmental Impacts to Incorporate into Lessons <i>Tom Abe</i>	Science Classroom
12:00 – 12: 45	Lunch	Cafeteria
12:45-1:15	Incorporating Culture into Science Curriculum <i>Thomasina Mandan</i>	Science Classroom
1:15 – 1:45	Responses of Wetland Vegetation to Agricultural Chemicals <i>Joseph Martinetti</i>	Science Classroom
1:45 – 2:00	Break	
2:00 – 3:00	GPS/GIS Presentation (Lesson) <i>Tanya Driver, FBCC</i>	GPS Lab
3:00 – 3:15	Break	
3:15- 4:00	Hands-on Strategies for Algebra & Statistics <i>Jan Miller</i>	Science Classroom
4:00 – 4:30	Concepts of Environmental Cycles (Simple Mass Balance Group Activity will be provided) <i>Sue King</i>	Science Classroom
4:30 – 5:00	Watershed Assessment Training Modules <i>John Jocson</i>	Science Classroom

Wednesday July 23, 2014

8:00-8:30 AM	Breakfast	Cafeteria
8:30 – 9:00 AM	Evaluations for Tuesday July 22, 2014	Computer Lab
9:00 – 10:30 AM	Ethnobotany Lesson/Information <i>Tanya Driver, FBCC</i>	Cultural Building
10:30 - 11:00	Pros and Cons of Fracking <i>Thomasina Mandan (FBCC Student)</i>	Science Classroom
11:00-11:30	<i>NSF Next Steps</i> <i>Kirk Laflin & Sarah Gross, PETE</i>	Science Classroom
12:00 – 12:30	Lunch	Cafeteria
12:45 – 7:00	Field Trip to Watford City & Theodore Roosevelt National Park: Fracking Landscape before & After <i>Thomasina Mandan and Kerry Hartman</i>	

Thursday July 24, 2014

8:00-8:30 AM	Breakfast	Cafeteria
8:30 – 9:00 AM	Evaluations for Wednesday July 23, 2014	Computer Lab
9:00 – 10:00 AM	Water Quality Lesson <i>Sandra Stadheim, FBCC</i>	Science Classroom
10:00 – 10:15	Break	
10:15 – 12:00	TAT Museum	TAT
12:00 – 1:00	Lunch	Cafeteria
1:00 – 2:00	Flaring in North Dakota <i>Tanya Driver & Kerry Hartman, FBCC</i>	Science Classroom
2:00-3:00	Investigating the Impact of Fracking on Groundwater <i>Michael Deville, FBCC</i>	Science Classroom
3:00 – 4:00	Impact of Oil Development on Land Use/Cover <i>Tanya Driver & Kerry Hartman, FBCC</i>	Science Classroom
4:00 - 5:00	Fellows Presentations	Science Classroom
5:00 – 7:00	Farewell BBQ	Earth Lodges

Friday, July 25, 2014

8:00-8:30 AM	Breakfast	Cafeteria
8:30 – 9:00 AM	Evaluations for Thursday July 24, 2014	Computer Lab
9:00 –10:00	Service learning and the Environmental Connection <i>Jennifer Berry</i>	Science Classroom
10:00 – 12:00	GPS – Incorporating Student Participation <i>Joni Kerr and Matthew Crane</i>	GPS Lab
12:00 – 12:30	Lunch	Cafeteria
12:00 – 1:00 PM	Final Evaluations	Computer Lab
2:00 – 2:30 PM	Wrap-up and Next Steps <i>Kirk Laflin & Sarah Gross</i>	Science Classroom
2:30 – 6:00 PM	Depart FBCC for Bismarck Lewis and Clark Center	Stanton, ND