

Spring 2022 Earth Sciences Lunch and Learn Seminars

Date	Time (PM)	Location	Speaker (s)	Affiliation	Title
3/8/22	12:05 p.m.	Kaufman 179 & Zoom	Christian Knight '23, Madelaine McDowell '23, Patrick Noonan '23, Dylan Rasinski '23, and Sarah Wood '23	Earth Sciences Department at Dickinson College	"Junior Prospectus Presentations"
3/24/22	9:00 a.m.	Kaufman 152 & Zoom	Dr. Kevin Padian	Emeritus Professor of Integrative Biology at the University of CA, Berkeley	"Why T. rex's arms were so short: an integrative hypothesis"
3/24/22	7:00 p.m.	Stern Great Room & YouTube	Dr. Kevin Padian	Emeritus Professor of Integrative Biology at the University of CA, Berkeley	The 18 th Annual Potter Lecture, "Evolution, Education, & Intelligent Design: A view from the Dover Trial"
3/29/22	12:05 p.m.	Kaufman 179 & Zoom	Dr. Samantha Bova	Assistant Professor, San Diego State University	"It's getting hot in here: reinterpreted climate proxies alter understanding of interglacial warmth"
4/12/22	12:05 p.m.	Kaufman 179 & Zoom	Billy Dougherty '18	Project Scientist, BL Companies	"Career Paths in the Earth Sciences"
4/19/22	12:05 p.m.	Kaufman 179 & Zoom	Liz McCreary '22 & Elizabeth Zink '22	Earth Sciences Department at Dickinson College	"Senior Capstone Presentations"

Fall 2021 Earth Sciences Lunch and Learn Seminars

Date	Time (PM)	Location	Speaker (s)	Affiliation	Title
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10/28/21	12:05	Zoom	Dr. Alyson Thibodeau	Assistant Professor of Earth Sciences at Dickinson College	“Rethinking ancient turquoise mining and exchange in the U.S. Southwest and Mexico”
11/9/21	12:05 p.m.	Zoom	Sammy Arnold '22 and Charlies Coriell '22	Earth Sciences Seniors	“Senior research and field camp experiences”
11/12/21	10:30 a.m.	Zoom	Katie Tamulonis '02	Assistant Professor at Allegheny College	“Devonian Shale Geology in the Rome Trough, Appalachian Basin, USA”
11/17/21	7:00 p.m.	Stern Great Room	Dr. Dorothy Merritts	Professor of Geosciences at Franklin and Marshall College	The 17 th Annual Potter Lecture, “When natural isn’t what we thought but matters to dam removal and stream restoration in Pennsylvania”
11/18/21	10:30 a.m.	Kaufman 153	Dr. Dorothy Merritts	Professor of Geosciences at Franklin and Marshall College	“Reading the relict freeze-dried permafrost landscape in Pennsylvania: Large polygons and shattered sediment from frost cracking as paleothermometers”
11/30/21	12:05 p.m.	Zoom	Dr. Marcus Key	Earth Sciences Professor at Dickinson College	“Provenancing Aboriginal chert artifacts from 3D imaging of embedded fossil invertebrates”

DATE	TIME (PM)	LOCATION	SPEAKERS (S)	AFFILIATION	TITLE
3/30/21	12:05	Zoom	Charlie Corriel '22, Liz McCreary '22, Elizabeth Zink '22	Dickinson College, Dept. of Earth Sciences	5-minute presentations on their proposed senior research
4/27/21	12:05	Zoom	Angelo Tarzona '21	Dickinson College, Dept. of Earth Sciences	Using ground penetrating radar and drone survey to locate and characterize unmarked burials at Mount Tabor Cemetery, Mount Holly Springs, PA

Fall 2020 Earth Sciences Lunch and Learn Seminar Series

SPRING 2020 Earth Sciences Lunch and Learn Seminar Series

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
1/21/20	NONE	FIRST	WEEK	OF	CLASSES
1/28/20	12:05	Social Hall East in the Holland Union Building	Sim Suter	Groundwater & Environmental Geology Section, Pennsylvania Geological Survey, Middletown, PA	Careers for geoscientists in the public, private, and non-profit sectors
2/4/20	NONE		FACULTY	MEETING	
2/11/20	12:05	Social Hall East in the Holland Union Building	Ben Edwards and Marcus Key	Dickinson College, Dept. of Earth Sciences	Volcanoes, evolution, and alumni relations in the Galápagos

2/18/20	12:05	Social Hall West in the Holland Union Building	Hiba Aoid, Sam Arnold, Emily Greaves, Rob Nelson, Angelo Tarzona	Dickinson College, Dept. of Earth Sciences	5 minute presentations on their proposed senior research
2/25/20	12:05	Social Hall East in the Holland Union Building	Josh Abele, Marisa Schaefer, Alex Wattles	Dickinson College, Dept. of Earth Sciences	How I fulfilled my capstone requirement with research
3/3/20	NONE		FACULTY	MEETING	
3/10/20	NONE		SPRING	BREAK	
3/24/20	12:05	Social Hall East in the Holland Union Building	Kristina Keating	Dept. of Earth and Environmental Science, Rutgers University	NMR Geophysics: from the lab to the field and to the Arctic to the Andes
4/7/20	NONE		FACULTY	MEETING	
4/7/20 16 th Annual Potter Lecture	7:00	Tome 115	Yarrow Axford	Dept. of Geological Sciences, Northwestern University	Arctic meltdown? A polar geologist's long-term perspective on climate change
4/8/20	12:05	Kaufman 179	Yarrow Axford	Dept. of Geological Sciences, Northwestern University	Greenland's climate in two past warm periods: Perspectives from lake sediments
4/14/20	12:05	Kaufman 186 (pizza provided)	Pete Dubravski, Jack Olsson, Lionel Reid-Shaw	Dickinson College, Dept. of Earth Sciences	How I fulfilled my capstone requirement with field camp
4/16/20 (co-sponsored with Russian Dept.)	4:30	Tome 115	Barry Voight	Department of Geosciences, Penn State University, PA	Adventures with failing slopes and volcanoes, and telling the townsfolk when to run

4/21/20	12:05	Social Hall West in the Holland Union Building	Ethan Collins, Devin Hogan, Bianca Kapur, Ian Ransom	Dickinson College, Dept. of Earth Sciences	How I fulfilled my capstone requirement with an internship
4/28/20	12:05	Social Hall East in the Holland Union Building	Ben Eppinger	Dickinson College, Dept. of Earth Sciences	Variations in deep critical zone weathering revealed by 2-D and circular seismic refraction surveys in a Northern Maryland Piedmont catchment
5/1/20	LAST	DAY	OF	CLASSES	

Fall 2019 Earth Sciences Lunch and Learn Seminars

DATE	TIME (PM)	LOCATION	SPEAKER (S)	AFFILIATION	TITLE
9/10/19	12:05	Social Hall West in the Holland Union Building	Welcome	Back	Luncheon
9/17/19	12:05	Social Hall West in the Holland Union Building	Marcus Key	Dickinson College, Dept. of Earth Sciences	Using geoarchaeology to source an 18 th century building stone
9/30/19	10:30 AM	Kaufman 152	Suzanne Kairo '83	ExxonMobil (retired), Houston, TX	Siliciclastic sedimentary petrology concepts and techniques to characterize reservoirs and aquifers
10/1/19	12:05	Social Hall West in the Holland Union Building	Suzanne Kairo '83	ExxonMobil (retired), Houston, TX	Using virtual microscopy software (MicroPet)
10/15/19	12:05	Social Hall West in the Holland Union Building	Devin Hogan '20, Jack Olsson '20, Lionel Reid-Shaw '20	Dickinson College, Dept. of Earth Sciences	Study abroad at the University of Otago
10/29/19	12:05	Social Hall West in the Holland Union Building	Billy Dougherty '18 and Niomi Phillips '18	BL Companies, Harrisburg, PA	Career Path in the Earth Sciences: Environmental Consulting
11/12/19	12:05	Social Hall West	Ben Edwards et	Dickinson	AACRE 2019:

		in the Holland Union Building	al.	College, Dept. of Earth Sciences	Arctic climate science in Iceland and Nunavut, Canada
11/19/19	12:05	Social Hall West in the Holland Union Building	Jorden Hayes and Ben Eppinger '20	Dickinson College, Dept. of Earth Sciences	Using near-surface geophysics to advance critical zone science: Diverse methods, spatiotemporal scales, and future directions and Variations in deep critical zone weathering revealed by 2-D and circular seismic refraction surveys in a Northern Maryland Piedmont catchment
12/5/19	12:05	Kaufman 134	Annual	Holiday	Luncheon

Spring 2019 Earth Sciences Lunch and Learn Seminars

Date	Time PM	Location	Speaker (s)	Affiliation	Title
2/26/19	12:05 p.m.	Social Hall East	Billy Irving '19 Hayat Rasul '19	Earth Sciences Department	Senior Research Presentations
3/19/19	12:05 p.m.	Social Hall East	Ben Eppinger '20 Maria Schaefer '20 Alex Wattle '20	Earth Sciences Department	Junior Research Presentations
3/26/19	12:05 p.m.	Social Hall East	Natalie Accardo	Postdoctoral Researcher, Penn State University	Rifting in a Magman Poor System
4/16/19	12:05 p.m.	SR 202-203	Allison Curley '19	Earth Sciences Department	Honors Defense
4/17/19	7:00 p.m.	Stern Great Room	Dr. William Fitzhugh	Director, Arctic Studies, Smithsonian Institute	Exploring Circumpolar Culture Connections

4/18/19	12:05 p.m.	Kaufman 186	Dr. William Fitzhugh	Director, Arctic Studies, Smithsonian Institute	First Contact: Inuit & Basques in Northern Gulf of St. Lawrence
4/23/19	12:05 p.m.	Social Hall East	Kendra Bonsey '19	Earth Sciences Department	Honors Defense
4/30/19	12:05 p.m.	SR 201-202	Karuna Sah '19	Earth Sciences Department	Honors Defense

Fall 2018 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker(s)	Affiliation	Title
9/11/18	12:05 p.m.	HUB Social Hall East	N/A	ERSC Department	Welcome Back Luncheon
9/18/18	12:05 p.m.	HUB Social Hall East	Tom O'Donnell '19 Jenn Souza '19 Jacob Rebisz '19	Earth Sciences	2018 Field Camp and Internship Capstone Experiences
10/11/18 (Thursday)	12:05 p.m.	Kaufman 186	Ryan Haupt	Smithsonian Museum of Natural History	Dissecting Jurassic Park's Dinos: Playing along with pop culture to foster more positive public perceptions of

					science
10/16/18	12:05 p.m.	HUB Social Hall East	Jill McDermott	Lehigh University	Composition of venting fluids at the deepest hydrothermal system in the Pacific
10/18/18	12:00 p.m.	Kaufman 179	Chris Lennard	University of Cape Town, South Africa	Modeling Climate Change
11/13/18	12:05 p.m.	HUB Social Hall East	Ben Edwards & students	Earth Sciences	Summer research experiences on arctic and alpine climate change

11/26/18	5:30 p.m.	Weiss 235	Nikos Zacharias	University of the Peloponnese, Greece	The Tomb of Jesus in Jerusalem
9/11/18	12:05 p.m.	Kaufman 135	N/A	Earth Sciences	The Annual ERSC Holiday Luncheon

Spring 2018 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
1/30/18	12:05 p.m.	Social Hall East	Alyson Thibodeau & ERSC Major Allison Curley	Earth Sciences Department	“Lead isotope investigation of colonial period ceremonial drinking cups from the Andes”
2/5/18	6:00 p.m. movie presentation & 7:30 p.m. panel discussion	Althouse 106	Marcus Key, Tom Arnold, Richard Vevers, Zara Louise-Cowan	ERSC Sciences Dept & Ocean Agency, University of Delaware	Chasing Coral Film Screening & Discussion
2/8/18	12:05 p.m.	Kaufman 186	Will Kochtitzky '16	University of Maine	Ice on the move: What happens when

					glaciers pick up the pace?
2/13/18	12:05 p.m.	Social Hall East	ERSC Student Presentations	Earth Sciences Department	
2/20/18	12:05 p.m.	Social Hall East	ERSC Student Presentations	Earth Sciences Department	
2/27/18	12:05 p.m.	Social Hall East	Junior Research Presentations	Earth Sciences Department	

3/1/18	12:05 p.m.	Kaufman 187	Atsuhiko Muto	Temple University	Revealing Deep Secrets: Geophysical Investigations of Subglacial Controls on Ice-Sheet Stability
3/26/18	7:00 p.m.	Stafford Auditorium	Steven Holbrook	Geosciences at Virginia Tech	The 14 th Annual Potter Lecture: What's under Old Faithful?
3/27/18	12:05 p.m.	Kaufman 186	Steven Holbrook	Geosciences at Virginia Tech	Geological controls on Critical Zone Structure
4/17/18	12:05 p.m.	Social Hall East	ERSC Students	Study Abroad Student Presentations	
4/24/18	12:05 p.m.	Social Hall East	ERSC Students	Student Thesis Presentations	
4/25/18	4:30 p.m.	Social Hall	Science Symposium	Student Projects	

Fall 2017 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
8/29/17	12:05	HUB Social Hall - East	N/A	ERSC Department	Welcome Back Luncheon
9/19/17	12:05	HUB Side Rooms 201-202	Dr. Loyc Vanderkluisen	Drexel University	The Floor is Lava: Lava flow emplacement in the Deccan

					(India)
9/26/17	12:05	Kaufman 186	Dr. Richard Alley	Penn State University	Ice Sheets & Sea Level Rise: "What we don't know might hurt us"

9/26/17	7:00	ATS Auditorium	Priestley Recipient, Dr. Richard Alley	Penn State University	Priestley Lecture: "The Good News of Energy, Environment & Our Future"
10/10/17	12:05	HUB Social Hall - East	Dr. Abigail Smith	University of Otago, New Zealand	
10/31/17	12:05	HUB Social Hall – East	Ben Edwards, Kristin Strock & ERSC Majors	Department of Earth Sciences at Dickinson College	"Summer Fieldwork in Iceland"
12/7/17	12:00	Kaufman 134	N/A	ERSC Department	Holiday Luncheon & 60 th Birthday Celebration

Spring 2017 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
1/31/17	12:05	Social Hall East	Welcome Back & Cassa 2017	Earth Sciences Department	
2/14/17	12:05	Social Hall East	Maria Bruno & ERSC Major	Archaeology Department	Research in Bolivia
2/21/17	12:05	Social Hall East	ERSC Senior Majors	Earth Sciences Department	Senior Research Presentations
2/27/17	7:00	Denny 317	Ted Daeschler	Academy of Natural Sciences	To the Ends of the Earth: Fossil Discoveries from the Age of Fishes
2/28/17	12:05	Kaufman 186	Ted Daeschler	Academy of Natural Sciences	Great Steps in the History of Life: The

					Origin of Limbed Vertebrates
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3/21/17	12:05	Social Hall East	Dr. Janine Krippner	University of Pittsburgh	Life as an Active Dome: Large Block and Ash Flows on Shiveluch Volcano, Kamchatka
3/28/17	12:05	Social Hall East	ERSC Senior Majors	Earth Sciences Department	Senior Research Presentations
4/11/17	12:05	SR 201-202	ERSC Junior Majors	Earth Sciences Department	Junior IR 5-minute Presentations
4/18/17	12:05	SR 201-202	Ryan Goldstein	GeoConstructors Engineering Services, Inc.	Introduction to Rammed Aggregate Piers – A Ground Improvement
4/25/17	12:05	Social Hall East	Graham Andrews	West Virginia University	Petrochronology in the Izu Arc (Japan)

Fall 2016 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
8/30/16	12:05	SR 201-202	Annual Welcome Back Luncheon	Earth Sciences Department	
9/13/16	12:05	Social Hall West	Ben Edwards & ERSC Majors	Earth Sciences Department	Adventures on Baffin Island
9/20/16	12:05	Social Hall East	Ellen Was '14	Syracuse University	Aluminum Solubility Mechanisms in Quartz
9/20/16	7:00	Anita Tuvin Schlechter Auditorium	Elizabeth Kolbert	Williams College	The Sixth Extinction
9/22/16	12:00	Kaufman 179	Alyson	ERSC	Using Mercury

			Thibodeau	Dickinson College	to Trace the Timing and Cause of Erath's 4 th Extinction
9/27/16	12:05	Social Hall West	Marcus Key & ERSC Majors	Earth Sciences Department	Meltdowns and Waves: A US-Japan Summer Mosaic
10/4/16	12:05	SR 201-202	ERSC Majors	Earth Sciences	Study Abroad Experiences
10/11/16	12:05	Social Hall West	Dr. Cynthia Hall	West Chester University	Lead in Urban Gardens of Philadelphia
10/25/16	12:05	SR 201-202	Andy Frassetto	Research Institutions for Seismology	Working in Earthquake Sciences
11/8/16	12:05	Social Hall West	Peter Sak & ERSC Majors	Earth Sciences Department	Adventures in Guadeloupe
11/15/16	12:00	Stafford Auditorium	Alyson Thibodeau	Earth Sciences Department	Using Isotopes to Trace the Source of Turquoise in Aztec Empire

Spring 2016 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
2/16/16	12:05	Social Hall West	John Englander '72	International Sea Level Institute	Sea Level Rise
2/16/16	7:00	Stern Great Room	John Englander '72	International Sea Level Institute	The New Reality
2/22/16	12:05	Social Hall West	David Betram'16 and Julia Redden'16	Earth Sciences Majors	Student Research Presentations

3/7/16	7:00	Althouse 106	Lonnie Thompson	Ohio State University	The Potter Lecture
3/8/16	12:05	Kaufman 186	Lonnie Thompson	Ohio State University	In Search of the Oldest Ice on Earth on the Third Pole
3/22/16	12:05	Social Hall West	Rachael Jonassen '71	George Washington University	On the Prediction of Time
3/31/16	12:05	Kaufman 186	Martin Helmke	PA Council of Professional Geologists	Job Prospects in the Geosciences
3/31/16	7:00	Stern Great Room	Yair Teller	Founder of HomeBiogas	The Business of Peace through Green Energy
4/12/16	12:05	Social Hall West	Will Kochitzky '16	Earth Sciences Major	30 yrs of Ice on Nevado Coropune, Peru
4/19/16	12:05	Side Rooms 201-202	Pedro Marengo	Brynn Mawr College	Sulfur Isotopes & Mass Extinctions
4/28/16	7:00	Althouse 106	David Bernard	Founder of Global CO2 Initiative	Carbon Capture
4/26/16	12:05	Social Hall West	Megan Layman '16, Katie Mattern '16, & Liz Plascencia	Earth Sciences Majors	Senior Research Presentations

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Fall 2015 Earth Sciences Lunch and Learn Seminar Series

Date	Time PM	Location	Speaker	Affiliation	Title
9/1/16	12:05	Social Hall West	Annual Welcome Back Luncheon	Earth Sciences Department	
9/9/16	7:00	Anita Tuvin Schlechter Auditorium	Rush Holt	CEO of the American Association for the Advancement of Sciences	“Advancing Science”
9/10/16	7:00	Stern Great Room	Gillen D’Arcy Wood	University of Illinois	“Tambora: The Eruption that Changed the World”
9/15/16	12:05	Social Hall West	Ben Edwards & William Kochtitzky	Department of Earth Sciences	Fieldwork in Peru
9/16/16	7:00	Anita Tuvin Schlechter Auditorium	Anthony Ingraffea	Cornell University	Shale Gas and Oil Development
9/22/16	12:05	Hub Social Hall West	Patrick Burkhart	Slippery Rock University	Evaluation of geomorphic forcing by Medieval Climate Anomaly upon pediments and dunes across the White River
10/13/16	12:05	Hub Social Hall West	Alyson Thibodeau & Ben Edwards	Department of Earth Sciences	Dickinson Field Trip to Gates to the Arctic National Park
10/13/16	5:00	Denny 317	Egbert Leigh	Smithsonian Tropical Research Institute, Panama	The Last Evolutionary Transition: “The Evolution of Conceptual Thought”
11/10/16	12:05	Hub Social Hall	Joel Moore	Towson University	How does Urbanization affect Stream Chemistry?
11/17/16	12:05	Hub Social Hall	Claudia O’Brien	Latham & Watkins LLP	The Politics of Change

12/10/16	12:05	Kaufman		Department of Earth Sciences	Annual Holiday Luncheon
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Spring 2015 Earth Sciences Lunch and Learn Seminar Series

Date	Time (PM)	Location	Speaker(s)	Affiliation	Title
1/20/15	12:05	Social Hall West	John R. Kastrinos '83	Haley & Aldrich, Inc.	"The Life of a Professional Hydrogeologist"
2/16/15	9:30 a.m.	Kaufman 152	Kristin Strock	Dept. of Environmental Studies, Dickinson College	"The Evolution, Biology, and Ecology of Diatoms"
2/17/15	7:00	Stern Center Great Room	Kristen Miller '06	Massachusetts Institute of Technology	"Curiosity on Mars"
3/17/15	12:05	Social Hall East	Ben Edwards	Dept. of Earth Sciences at Dickinson College	"Lessons on glaciovolcanism"
3/25/15	9:30 a.m.	Kaufman 152	Brian Sell	Syracuse University	"Telling Time in the Cambrian & Ordovician"
3/31/15	12:05	Social Hall East	Jeff Niemitz & Will Kochtitzky	Dept. of Earth Sciences at Dickinson College	"Climate Change in Peru"
4/7/15	7:00	Stern Center Great Room	Paul Mayewski	University of Maine	"The Limits of Climate Change"
4/14/15	12:05	HUB Side Rooms 202-203	Pete Sak, Ben Edwards & ERSC Students	Dept. of Earth Sciences at Dickinson College	"Costa Rica Trip January 2015"
4/21&28/15	12:05	Hub Social Hall West	ERSC Seniors	Dept. of Earth Sciences at	"Senior Research Presentations"

				Dickinson College	
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FALL 2014 Earth Sciences Lunch and Learn Seminar Series

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
9/20/14	7:30	Carlisle Theatre, 44 W High St.	Ben Edwards/Will Kochtitzky & Neil Leary	Dept. of Earth Sciences & Center for Sustainability Education, Dickinson College	Discussion of the movie <i>Chasing Ice</i> following free community screening
9/23/14	7:00	Anita Tuvin Schlechter Auditorium	James Balog	The 2014 Dickinson College Rose-Walters Prize Winner	The art and science of <i>Chasing Ice</i>
9/30/14	12:05	Social Hall West in the Holland Union Building	David Rilling ('62)	Lock Haven (PA) Hospital and Haven Surgical Associates	Innerspace, the fascinating 3D world of microminerals
10/24/14	1:35	Kaufman 152	Bed Edwards, Will Kochtitzky, Katie Mattern, Amanda Santilli	Dept. of Earth Sciences, Dickinson College	Summer 2014 departmental trip to Greenland and Iceland
11/11/14	12:05	Side rooms 201-202 in the Holland Union Building	Klaus Keller	Dept. of Geosciences, Pennsylvania State University, State College,	Climate Risk Management in the Anthropocene: From Basic Science to

					Decision Making (and Back)
11/17/14 <i>(Monday)</i> 11 th Annual Potter Lecture	7:00	Althouse 106	Susan Brantley	Dept. of Geosciences, Pennsylvania State University, State College,	How Fracking Impacts Our Water: The Pennsylvania Experience
11/18/14	12:05	Kaufman 186	Susan Brantley	Dept. of Geosciences, Pennsylvania State University, State College,	Exploring the Transformation of Bedrock into Soil in the Deep Critical Zone

SPRING 2014 Earth Sciences Lunch and Learn Seminar Series

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
1/28/14	12:05	Social Hall East in the Holland Union Building	Pete Sak	Dept. of Earth Sciences, Dickinson College	Costa Rica Subduction Erosion
2/11/14	12:05	Siderooms 205-206 in the Holland Union Building	Hilary Morgan	Geophysical Institute, University of Alaska, Fairbanks, AK	Analysis of multi- resolution satellite imagery of the 2012-2013 eruption of Tolbachik Volcano, Kamchatka, Russia
2/18/14 (w/ ES)	12:05	Social Hall East in the Holland Union Building	Kevin Spicer and Bruce Rowland	Science Program, Carlisle High School	The Importance of Geoenvironmental Science Education at the High School Level
2/20/14 <i>(Thursday)</i> 10 th Annual Potter Lecture	7:00	Stafford Auditorium, Rector	Rudy Slingerland ('69)	Dept. of Geosciences, Pennsylvania State	Black Diamond, Black Gold, and Black Shale: Pennsylvania's

				State College, PA	Geological Heritage
2/21/14 (Friday)	12:30	Kaufman 186	Rudy Slingerland ('69)	Dept. of Geosciences, Pennsylvania State University, State College,	River Deltas as Self-organized Morphodynamic Systems
3/18/14	12:05	Social Hall East in the Holland Union Building	Becca Rossi ('13)	Mount Rainier National Park, WA and Hawaiian Volcano Observatory, HI	GeoCorps and internship experiences
4/22/14	12:05	Siderooms 205- 206 in the Holland Union Building	Aleks Perpalaj ('14) and Ellie Was ('14)	Dept. of Earth Sciences, Dickinson College	Geochemistry of Vatnsskarð Pillow Lava Ridge and Thermal Evolution of a Subglacial Pillow Lava from Undirhlíður Quarry, Southwestern Iceland
4/24/14 (Thursday)	12:05	Kaufman 152	Patrick and Kenzie Burkhart	Dept. of Geography, Geology, and the Environment Slippery Rock University, Slippery Rock, PA and Dept. of Anthropology/ Archaeology, Dickinson College	31 Degrees South: Hydrogeology in the High Andes of Argentina
4/29/14	12:05	Social Hall East in the Holland Union Building	Leslie Milliman ('14) and Geo Nikolov ('14)	Dept. of Earth Sciences, Dickinson College	Geoarcheological sourcing of a stone paver from a Colonial Maryland site; Groundwater- Surface Water Interactions in the

					Yellow Breeches Creek Watershed, South Middleton Township, PA
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FALL 2013 Earth Sciences Lunch and Learn Seminar Series

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
9/17/13	12:05	Social Hall West in the Holland Union Building	Kelin Zhuang	Luce Foundation's Initiative on Asian Studies and the Environment (LIASE), Dickinson College	History of glaciations in the Permo- Carboniferous
9/19/13 (<u>Thursday</u>)	12:05	Social Hall West in the Holland Union Building	Patrick Burkhart	Dept. of Geography, Geology, and the Environment Slippery Rock University, Slippery Rock, PA	Darwin's Boulders in Tierra del Fuego
9/24/13	12:05	Siderooms 201-202 in the Holland Union Building	Jeff Karson	Dept. of Earth Sciences, Syracuse University, Syracuse, NY	Subaerial Seafloor Spreading in Iceland: Propagating Rifts, Transform Faults and Microplate Tectonics
10/2/13 (<u>Wednesday</u> <u>PM</u>) (w/ES)	5:00	Kaufman 179	Jenn Elick	Dept. of Earth & Environmental Sciences, Susquehanna	Using geology to better understand the coal fire at Centralia

				University, Selinsgrove, PA	
10/8/13	12:05	Social Hall West in the Holland Union Building	Ben Edwards, Aleks Perpalaj, Liz Plascencia, Ellie Was	Dept. of Earth Sciences, Dickinson College	Summer field work in Iceland
10/15 (w/ARCH)		Social Hall West in the Holland Union Building	Maria Bruno and Will Kochtitzky	Depts. of Archaeology and Earth Sciences, Dickinson College	Environmental and Archaeological Research in the Lake Titicaca and Poopó Basins, Bolivia
10/25/13 <i>(Friday)</i>	12:30	Kaufman 152	Melanie Campbell, Marcus Key, Leslie Milliman, Aleks Perpalaj, Liz	Dept. of Earth Sciences, Dickinson College	Sumer Earth Sciences field trip to Baffin Island, Canada
10/29/13	12:05	Social Hall West in the Holland Union Building	Geo Nikolov, Leslie Milliman, Aleks Perpalaj	Dept. of Earth Sciences, Dickinson College	Overseas study/research experiences
11/12/13	12:05	Social Hall East in the Holland Union Building	Jen Laws Marshall (GEOL'01)	National Institute of Standards and Technology, Gaithersburg, MD	Alternative careers for ERSC majors and what the National Institute of Standards and Technology does
11/19/13	11:30	Kaufman 140	Alexander Belousov and Marina Belousova	Institute of Volcanology and Seismology, Petropavlovsk- Kamchatsky, Russia	The 2012-13 eruption of Tolbachik volcano, Kamchatka, Russia

SPRING 2013

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
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1/22/13	12:05	Social Hall East in the Holland Union Building	Maria Bruno	Department of Archaeology/ Anthropology, Dickinson College	Climate Change and Human Societies in the Ancient Lake Titicaca Basin of the Andes
1/29/13 (with Clarke Forum)	7:00	Stern Center, Great Room	Michael Shellenberger	The Breakthrough Institute, Oakland, CA	Love Your Monsters: Why Technology Will Save the World
2/12/13 (with ES)	12:05	Siderooms 205-206 in the Holland Union Building	Jeff Niemitz	Department of Earth Sciences, Dickinson College	Mill Dams and Legacy Sediments: the 18th and 19th c. "gifts" that keep on giving
2/19/13 (with International Studies)	12:05	Social Hall East in the Holland Union Building	John Deni	Strategic Studies Institute, U.S. Army War College, Carlisle, PA	Operating a British Ship on American Algae? Prospects for Greater Transatlantic Cooperation in Energy Security
2/21/13 (with ES)	5:00	Kaufman 179	Gene Wingert et al.	Depts. of Biology/ Environmental Studies/ Education, Dickinson College	The Fall 2012 Natural History Sustainability Mosaic
2/27/13 (with Clarke Forum)	4:30	Denny 317	Andy Moore	Dept. of Geology, Earlham College, Richmond, Indiana	Societies, Risk, and Natural Hazards
2/27/13 (with Clarke Forum)	7:00	Stern Center, Great Room	Peter Bechtel '81 and Ruth Mkhwanazi-Bechtel	Northern Region, World Wildlife Fund, Mozambique	Sustainable Development in Mozambique
3/5/13	7:00	Stern Center, Great Room	Peter Bechtel Tim Kelsey	Northern Region, World Wildlife	Human Dimensions of Natural Resource

(with Clarke Forum)			Veronica Coptis Julie Vastine	Fund, Mozambique; Dept. of Agricultural Economics, Sociology, and Education, Penn State University; Center for Coalfield Justice, Washington, PA; ALLARM, Dickinson College	Extraction: A Panel Discussion
3/19/13	12:05	Social Hall East in the Holland Union Building	Patrick Wyse Jackson	Department of Geology, Trinity College, Dublin, Ireland	Fantastic fossil fenestrates: the functional morphology of some bryozoan taxa
3/27/13 (with Clarke Forum)	7:00	Anita Tuviv Schlechter Auditorium	David Orr	Dept. of Environmental Studies and Politics, Oberlin College, OH	Designing Resilience in a Black Swan World
4/9/13	12:05	Social Hall East in the Holland Union Building	John T Pusey, Jr. '98	Earth Engineering Inc., East Norriton, PA	Sinkholes: A case history of projects investigating and stabilizing sinkholes
4/11/13 (with Clarke Forum)	7:00	Anita Tuviv Schlechter Auditorium	Bill McKibben	Dept. of Environmental Studies, Middlebury College, VT	Front Line of the Climate Fight
4/22/13 (with Clarke Forum)	7:00	Stern Center, Great Room	Michael Mann	Department of Geosciences/ Meteorology, Penn State University, PA	The Hockey Stick and the Climate Wars

4/23/13	12:05	Kaufman 186	Julia Rasamny; David Cruz	Department of Earth Sciences, Dickinson College	Skeletal Dissolution Caused By Ocean Acidification; Agricultural vs. Urban Influence on Legacy Sediments of the Letort Watershed
4/30/13	12:05	Social Hall East in the Holland Union Building	Marc Baumann; Joe Stahley	Department of Earth Sciences, Dickinson College	Volumetric Analysis of the Upper Freeport Coal Seam in the Saxonburg Quadrangle, western Pennsylvania; A Comparison of Black Shales: the Utica Fm. vs. the Marcellus Fm.

Fall 2012

DATE	TIME (PM)	LOCATION	SPEAKER(S)	AFFILIATION	TITLE
9/18/12	12:05	Social Hall West in the Holland Union Building	Pete Sak	Department of Earth Sciences, Dickinson College	Unraveling the Appalachians of Central PA
9/25/12	12:05	Social Hall West in the Holland Union Building	Ben Edwards, Ellie Was, Jim Ciarrocca	Department of Earth Sciences and LIS, Dickinson College	3-D mapping of volcanic features: Examples from the 2010 Gigjokull lava flow and subglacial pillow lava quarries, southern Iceland
10/4/12	7:00	Stern Center Great room	John C. Priscu	Department of Land Resources and Environmental Sciences, Montana State University	Earth's icy biosphere

10/9/12	12:05	Social Hall East in the Holland Union Building	Ryan Mathur	Department of Geology, Juniata College	Isotopes and ore deposits
10/23/12	12:05	Holland Union Building siderooms 202-203	Alexander S. Lloyd ('07)	Lamont Doherty Earth Observatory, Columbia University	What geochemistry and melt inclusions can tell us about magma ascent
11/8/12, 9 th Annual Potter Lecture	7:00	Althouse 106	David J Bottjer	Department of Earth Sciences, University of Southern California	A Climate Carol: A Ghost Story of Greenhouse Mass Extinctions
11/9/12	12:05	Kaufman 134	David J Bottjer	Department of Earth Sciences, University of Southern California	The Early Evolution of Animals
11/13/12, Ocean Leadership Distinguished Lecture	12:05	Kaufman 186	Nathan Bangs	Institute for Geophysics, University of Texas at Austin	Seeing what's at fault in subduction zones: Examining great earthquake megathrusts
11/27/12	12:05	Social Hall West in the Holland Union Building	Rebecca Rossi	Department of Earth Sciences, Dickinson College	Petrology and Geoarchaeology of the Catocin Metarhyolites of South Mountain, Pennsylvania

Spring 2012

DATE	SPEAKER(S)	AFFILIATION	TITLE
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1/31/12	Marcus Key	Department of Earth Sciences, Dickinson College	Geology of Arava Desert, Israel and its effect on sustainable water use
2/10/12 *	Kira Lawrence	Dept. of Geology and Environmental Geosciences, Lafayette College	Clues to Earth's Complex Climate History at the Interface of Geology, Chemistry and Biology
2/14/12	Adria Updike	Department of Physics and Astronomy	The Dusty Universe: Exploding stars and galactic evolution
3/1/12* *	Frank Pazzaglia	Dept. of Earth & Environmental Science, Lehigh University	The Fall Zone, Steep Rivers, and Erosion: How Appalachian geomorphology has shaped our nation
3/2/12* *	Frank Pazzaglia	Dept. of Earth & Environmental Science, Lehigh University	Broadband geodesy and the growth of the northern Apennines, Italy
3/27/12	Bill Roman	Gannett Fleming Inc.	Using Digital Photogrammetry for Rock Cut Slope Design - An Example in the Central Appalachian Mountains
4/10/12	Maria Snoussi	Department of Earth Sciences, Mohamed V University, Rabat Morocco	Coastal development in Morocco: Challenges and Prospects in the Context of Climate Change
4/17/12	Michael Beevers	Department of Environmental Studies, Dickinson College	Can diamonds and minerals promote peace in war-torn societies? Lessons from Sierra Leone
4/23/12	Scott Burns (2012 Richard H. Jahns Distinguished Lecturer in Engineering Geology)	Department of Geology, Portland State University	Urban Landslides – Challenges to Forensic Engineering Geologists

5/1/12	William Seward	Department of Earth Sciences, Dickinson College	Growth of rye in Icelandic volcanic ash
5/1/12	Claire Persichetti	Department of Earth Sciences, Dickinson College	Soil fertility: a comparison between organic and conventional agriculture
5/1/12	Page Hollenbeck	Department of Earth Sciences, Dickinson College	Test of a methodology to quantify paleoseasonality using extant bryozoans from both sides of the Isthmus of Panama
5/3/12	Breana Hashman	Department of Earth Sciences, Dickinson College	The search for life in Neoproterozoic Banded Iron Formations
5/3/12	Natalie Kormushoff	Department of Earth Sciences, Dickinson College	Using a Wave Tank to Compare Landslide Generated Tsunamis to Point Source Tsunamis and its Implications for the East Coast of the United States

Fall 2011

DATE	TIME	LOCATION	SPEAKER	AFFILIATION	TITLE
Tuesday 9/13/2011	12:05- 1:00 PM	HUB siderooms 204-205	Jeff Niemitz	Department of Earth Sciences, Dickinson College	From A (IDS) to Z (imbabwe): Soils, Water, Minerals, and political will - Key elements for the next generation
Tuesday 9/20/2011	12:05- 1:00 PM	HUB siderooms 202-203	Ben Edwards & Rebecca Rossi	Department of Earth Sciences, Dickinson College	Summer 2011 field work in Iceland
Tuesday 9/27/2011	12:05- 1:00 PM	Kaufman 152	Mitch Scharman	Department of Earth Sciences, Dickinson College	Structural and Tectonic Investigations of a Transpressional System, Chugach Metamorphic

					Complex, Southern Alaska
Wednesday 9/28/2011	9:30- 10:20 AM	Kaufman 152	Catherine Reid	Department of Geological Sciences, University of Canterbury, Christchurch, New Zealand	Cold-water Carbonates and Giant Bryozoans
Tuesday 11/8/2011	12:05- 1:00 PM	HUB Social Hall	Jake Davidson ('10)	Geo- Technology Associates, Inc., Abingdon, MD	BMP Monitoring in Maryland: An Overview
Tuesday 11/15/2011	12:05- 1:00 PM	HUB Social Hall	Chris Ackley	Department of Earth Sciences, Dickinson College	Getting your feet wet and dirty (literally) in a geosciences career

SPRING 2011

DATE	TIME	LOCATION	SPEAKER	AFFILIATION	TITLE
Tuesday 2/8/11	12:05- 1:00 PM	HUB siderooms 202-203	Marcus Key	Department of Earth Sciences, Dickinson College	Stream channel network analysis applied to colony- wide feeding structures in a Permian bryozoan from Greenland
Tuesday 2/15/11	12:05- 1:00 PM	HUB siderooms 202-203	Noel Potter	Department of Earth Sciences, Dickinson College	Scotch on the Rocks in Antarctica with the World's Oldest Ice
Tuesday 3/1/11	12:05- 1:00 PM	HUB siderooms 202-203	Rob Dean	Department of Earth Sciences, Dickinson College	Mesoproterozoic Plutons in Southern Colorado: Aureole Structure and Tectonic Implications
Tuesday 3/8/11	12:05- 1:00 PM	HUB siderooms 202-203	Chuck Bailey	Department of Geology, College of William and Mary	Paleozoic tectonics of Piedmont terranes (south of your latitude!)

Tuesday 3/22/11	12:05- 1:00 PM	HUB siderooms 202-203	Spring break trip participants	Department of Earth Sciences, Dickinson College	Geology, archeology, and culture of Sicily
Tuesday 3/29/11	12:05- 1:00 PM	HUB siderooms 202-203	Chuck Moyer	Range Resources - Appalachia, Canonsburg, PA	The History and Geology of the Marcellus Shale Play in SW PA
Tuesday 4/5/11	12:05- 1:00 PM	HUB siderooms 202-203	Pete La Femina	Department of Geosciences, Pennsylvania State University	Life & Death Struggle in a Propagating Ridge System: Geodetic GPS and Geologic Observations in South Iceland
Thursday 4/21/11	7:00 PM	Althouse 106	Katharine Huntington	Department of Earth and Space Sciences, University of Washington	Plateaus to paleoclimate: 'Clumped' isotopes in Earth science
Friday 4/22/11	12:00- 1:15 PM	Kaufman 134	Katharine Huntington	Department of Earth and Space Sciences, University of Washington	Signals in sand: Detrital mineral thermochronology and the evolution of orogenic landscapes
Tuesday 4/26/11	12:00- 1:15 PM	HUB siderooms 201-202	Kristin Morell	Department of Geosciences, Pennsylvania State University	How plate tectonics surrounding the Panama Triple Junction have affected deformation and volcanism in southern Central America
Thursday 4/28/11	12:00- 1:15 PM	Kaufman 134	Jamie Levine	Department of Geological Sciences, Jackson School of Geosciences, University of Texas	Melt Generation in Migmatites and the Role of Strain in Preferentially Inducing Melting

5/3/11	12:00-1:15 PM	HUB siderooms 201-202	Rob Jansen	Department of Earth Sciences, Dickinson College	Origins of Polymictic Diamict at Kima' Kho, Northern British Columbia, Canada
5/5/11	9:00-9:45 AM	Kaufman 153	Everett Lasher	Department of Earth Sciences, Dickinson College	The Implications of Climate Change on Stream Flow and Legacy Sediment Remobilization, Yellow Breeches Creek, Cumberland County, PA
5/5/11	9:45-10:30 AM	Kaufman 153	James Haklar	Department of Earth Sciences, Dickinson College	Geochemical and Thermodynamic Constraints on the Source Region of the 2010 Fimmvorduhals Eruption, Iceland

Fall 2010

DATE	TIME	LOCATION	SPEAKER	AFFILIATION	TITLE
Tuesday 9/21/2010	12:05-1:00 PM	HUB siderooms 202-203	Ben Edwards & James Haklar	Department of Earth Sciences, Dickinson College	How a small Icelandic eruption brought European airspace to its knees
Tuesday 9/28/2010	12:05-1:00 PM	HUB siderooms 202-203	Sean Cornell	Geography & Earth Science Department, Shippensburg University	Paleoecology of Devonian edrioasteroid-bearing hardgrounds of New York
Tuesday 10/26/10	12:05-1:00 PM	HUB siderooms 202-203	Nate Lorentz	Department of Earth Sciences, Dickinson College	Marcellus Shale update
Friday 11/12/10	12:00-1:00 PM	Kaufman 134	Robert S. J. Sparks	Department of Earth Sciences, University of Bristol	Environmental Hazards

Tuesday 11/30/10	12:00- 1:00 PM	HUB siderooms 202-203	Katie Anderson; Jeff, Marcus, Ben	N/A	Internship report; Future IR and internship opportunities for students
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Spring 2010

DATE	TIME	LOCATION	SPEAKER	AFFILIATION	TITLE
Tuesday 2/9/2010	12:05- 1:00 PM	Dana Hall 110	Carl Kirby	Bucknell University	Hydraulic fracturing of the Marcellus Shale for natural gas and some potential environmental impacts in PA, NY, OH, and WV
Tuesday 2/23/2010	12:05- 1:00 PM	Kaufman Hall 134	Pedro Marenco	Bryn Mawr	Contrasting shallow and deep paleoenvironments and the biotic recovery from the End Permian mass extinction
Tuesday 3/2/10	12:05- 1:00 PM	HUB siderooms 204-205	Emily Mercurio	University of Pittsburgh	Construction and evolution of an ice- confined basaltic fissure eruption, SW Iceland
Tuesday 3/23/10	12:00- 1:00 PM	HUB siderooms 201-202	Chira Endress ('07)	Pennsylvania State University	Geochemistry of 24 Ma Basalts from Northeast Egypt: Implications for Widespread Magmatism in Northern Africa
Thursday 4/22/10	7:00 p.m.	Denny 317	John Eichelberger	Volcano Hazards, USGS	Volcanoes as Geysers (6 th Annual Potter Lecture)
Friday 4/23/10	12:00- 1:00 PM	Kaufman 179	John Eichelberger	Volcano Hazards, USGS	Of Dikes and Magma Chambers: The Great Katmai Eruption of 1912
Tuesday 4/27/10	12:00- 1:00 PM	Kaufman 134	Alyssa Chaplin, Jake Davidson,	Department of Earth Sciences	Senior Research Presentations

			Gwen Dunnington, Alexandra-Selene Jarvis		
Thursday 4/29/10	12:00- 1:00 PM	Kaufman 134	Christine Miller, Sayuri Stemp, Marci Wills, Nathan Yancheff	Department of Earth Sciences	Senior Research Presentations

Spring 2009

DATE	TIME	LOCATION	SPEAKER	AFFILIATION	TITLE
Tuesday 2/10/2009	12:05- 1:00 PM	HUB siderooms 203-204	Kamini Singha	Penn State University	Peering into the black box: quantifying anomalous solute transport behavior in heterogeneous environments with geophysics
Tuesday 2/17/2009	12:05- 1:00 PM	HUB siderooms 203-204	Lee Reheard	Penn DOT	Terrestrial LiDAR applications in geology
Tuesday 3/4/2009	12:30 – 1:30 p.m.	Kaufman 179	Tim Dixon	University of Miami	Unraveling earth's largest earthquakes using space based techniques
Tuesday 3/31/2009	12:00- 1:00 PM	HUB siderooms 203-204	Jon Lewis	Indiana University of Pennsylvania	Initial Glimpses into the Seismogenic Zone: Nankai Trough Japan
Thursday 4/16/2009	7:00 p.m.	Tome 115	Mark Brandon	Yale University	The rise and ruin of mountains around the Mediterranean over the last 35 million years
Friday 4/17/2009	9:30 a.m.	Kaufman 152	Mark Brandon	Yale University	Interaction between glacial erosion and tectonics in the Patagonian Andes

Monday 4/20/2009	12:00- 1:00 PM	Kaufman 140	Nate Lorentz	University of Southern California	Does the Reed Dolomite, White-Inyo Mountains, California record a Neoproterozoic glaciation or protracted Rodinian breakup?
Tuesday 4/28/2009	12:00- 1:00 PM	Kaufman 134	Whitney Hoffman	Department of Earth Sciences	Relating climate to weathering using tombstones from the last four centuries
Thursday 4/30/2009	4:30 – 5:30 p.m.	Kaufman 134	Courtney Haynes	Department of Earth Sciences	Geochemical analysis and comparison of two legacy sediment sites within the Yellow Breeches Creek Watershed, Cumberland County, PA

Spring 2008

DATE	NAME	AFFILIATION	TITLE
1/29	Geology Faculty	Dickinson College	Majors Meeting (Kaufman 179)
2/5	Alexis Navarre- Sitchler	Penn State University	Weathering rind formation on basalt clasts: a key intermediate weathering scale
2/12	Duane Braun	Bloomsburg University	The glaciation of NE PA: What we have learned from mapping the glacial deposits over an area of 25,000 km ² during the past 30 years
2/19	Bob Gallagher & Michael R Helfrich	West/Rhode Riverkeeper & Lower Susquehanna Riverkeeper	The Waterkeeper approach to protecting and preserving our waters
2/26	Amelia Brunskil	LIS	Refworks Workshop to be held in Kaufman 159
3/4	Bill Bragonier	PA DCNR	Coal in Pennsylvania
3/18			
3/25			
4/1	Jeremy Jackson*	Scripps Institution of Oceanography	Ecology of mass extinction and faunal turnover in the tropical Western Atlantic
4/3	Todd Grote	Allegheny College	A glimpse of the Appalachian landscape as seen through soils

4/8	Karl W. Wegmann	Lehigh University	Great earthquakes, rock uplift and seismic coupling above the Hellenic Subduction Zone — Crete, Greece
4/9	Lara Storm	Colby College	Adirondack Origins: Clues from the Rocks
4/15			
4/22	Meg Thompson	Wellesley College	Assembling the Appalachians: A cast study from southeastern New England
4/29	Jenn Wade	Boston University	From Mexico to Persia to Washington, DC: using geochemistry to study the collections of the Library of Congress
5/2			Departmental Picnic

FALL 2008

DATE	NAME	AFFILIATION	TITLE
8/26/08	Geology Faculty	Dickinson College	Welcome Back Luncheon
9/2/08	Courtney, Jon, & Whitney	Dickinson College	Geology Abroad
9/9/08	†Mark Pagani	Yale University	A Cenozoic history of atmospheric carbon dioxide
9/16/08			
9/23/08			
9/30/08	Eric Kirby	Penn State University	Mountain Building in Eastern Tibet and the Great Sichuan Earthquake
10/7/08			
10/14/08	Fall Pause		
10/21/08	Chris Andronicos	Cornell University	Melt transport in the upper mantle and deep crust: Examples from Oman and British Columbia.
10/28/08	Neil Leary	Dickinson College	Center for Environmental and Sustainability Education
11/4/08	Alexandra Davatzes	Temple University	Ancient and active processes on Mars as revealed by the HiRISE camera on the Mars Reconnaissance Orbiter
11/12/08	*Don Dingwell	University of Munich, MSA Distinguished Lecturer	Explosive volcanism: a materials catastrophe
11/18/08	Geology Students	Dickinson College	2008 Cassa trip to SoCal
11/25/08	Thanksgiving Break		
12/2/08	Holiday Luncheon (Kaufman Rm 140)		

Spring 2007

DATE	NAME	AFFILIATION	TITLE
2/6/07	Dickinson Students	Dickinson College	"Studying Geology Abroad at UEA, Norwich England"
2/13/07	Ryan Goldstein ('06)	Specialized Engineering	"SPECIALIZED ENGINEERING Engineers. Geologist. Inspectors."
2/22/07	Professor Dr. Michael Klare	Five Colleges	"Oil, War, and Geopolitics"
2/27/07	Professor Dr. Ian Skilling	University of Pittsburgh	"Using the Products of Volcano-Ice Interaction to Infer Former Ice Conditions"
3/6/07	Professor Dr. Allison Tumarkin-Deratzian	Temple University	"Pathways in Paleobiology; How to turn a horned dinosaur into an antelope, a bird, a croc, and a rat ..."
3/22/07	Professor Dr. Roger Sant	Carnegie Mellon University	"Addressing Climate Change: A Least-Cost Strategy"
3/27/07	Elizabeth Pente ('07) and Christopher Cresci ('07)	Dickinson College	" Two Geology students give talks about their internships this year"
4/4/07	Rob Thieler	US Geological Survey, Woods Hole, MA.	"Changing Climate, Changing Coasts: Where we've been and where we may be headed"
4/5/07	Rob Theiler	US Geological Survey, Woods Hole, MA.	"From Glacial Floods to Human Sludge: The Rich Sedimentary History of the Hudson Shelf Valley"
4/24/07	Gordon Clarke ('07) and Ian Martz ('07)	Dickinson College	" Two Geology students give talks about their independent research projects this year"

FALL 2007

DATE	NAME	AFFILIATION	TITLE
8/28/07	Geology Faculty	Dickinson College	Welcome Back Luncheon
9/11/07	Lance Simmens*	Commonwealth of PA	Global warming: prompting average people to action

10/2/07	Mark Patzkowsky	Penn State University	Understanding the fossil record of mass extinctions and biodiversity cycles
10/9/07	Courtney Haynes & Alex Jarvis	Dickinson College	Haynes: Summer field research assistant experience with Prof. Ben Edwards; Mount Edziza, British Columbia Jarvis: Dating lava flows by the(U-TH)/He methods using xenolithic zircons from the Edziza Volcanic Complex, British Columbia
10/16/07	Fall Pause		
10/23/07	Joel Moore	Penn State University	Chronosequences as natural laboratories for geochemical and ecological change
10/30/07	Scott Laird ('71)	URS Corp.	Conceptual site models: establishing a meaningful geologic framework
11/6/07	Jenn waide	Boston University	From Mexico to Washington: Using geochemistry to study Maya artifacts at the Library of Congress
11/13/07	Sarah Burkett	GeoDecisions	Using Geographic Information Systems across disciplines
11/27/06	Rudy Slingerland ('69)	Penn State University	Tectonic Landscapes: balancing crustal deformation with raindrops
12/4/07	Holiday Luncheon (Kaufman Rm 140)		

Spring 2006

DATE	NAME	AFFILIATION	TITLE
01/31/06	Professor Richard Greenberg	Theoretical Astrophysics Program, University of Arizona	"Europa, the Ocean Moon: An alien biosphere?"
02/07/06	Adrian Biscontini ('06) and Professor Peter Sak	Geology Department, Dickinson College	"Late Cenozoic drainage reorganization of the Arkansas River, Central Colorado"
02/10/06*	Dr. Harold Tobin	Department of Earth and Environmental Science, New Mexico Institute of Mining and Technology	"Getting Inside the Plate Boundary: Subduction Zone Megathrusts in the Integrated Ocean Drilling Program"
02/27/06	Meagen Pollock	Division of Earth and Ocean Sciences, Duke University	"Construction of Oceanic Crust: New Views Through Tectonic Windows"
03/09/06	Stephanie Maes	Department of Geology and Geophysics,	"Magnetic studies of layered mafic intrusions: implications for emplacement and evolution."

		University of Wisconsin at Madison	
04/03/06	Dr. Dave Menzie ('71)	United States Geological Survey, Minerals Information Team	"Geoscience Careers in the Federal Government"
4/13/06	Professor Bruce Marsh	Department of Earth and Planetary Sciences, Johns Hopkins University	"In the Boiler Room of Volcanoes: A View from Antarctica" (2006 Potter Lecture)
4/14/06	Professor Bruce Marsh	Department of Earth and Planetary Sciences, Johns Hopkins University	"Magmatic Processes: Impact Melt Sheets to Yucca Mountain" (2006 Potter Lecture)
04/18/06**	Dr. Greg Michalski	Department of Earth and Atmospheric Sciences, Purdue University	"Isotopes in the Biogeochemical Cycling of Nitrogen: From Acid Rain to Climate Change to Gunpowder!"
04/25/06	Justin Dahlin ('06), Ryan Goldstein ('06), Kendall Reiss ('06), Adrian Biscontini ('06)	Geology Department, Dickinson College	"The Geology Senior Internship Experience"
05/02/06	Veronica Tsang ('06), Camille Carter ('06), Peter Hanley ('06)	Geology Department, Dickinson College	"Petrology and Geothermometry of Pyroxenite and Peridotite Xenoliths from Stikinia Lithosphere, Craven Lake Volcanic Center, Northern Cordilleran Volcanic Province, British Columbia" "Morphology and Paleogeography of Pleistocene Gastropods from San Quintin Bay Fm., San Quintin Bay, Baja California, Mexico" "Structural Evolution of the Susquehanna River Valley"
05/03/06	Adrian Biscontini ('06)	Geology Department, Dickinson College	"Using Fluvially Transported Clasts to Track the Evolution of the Arkansas River, Colorado" +
05/04/06	Kristen Miller ('06)	Geology Department, Dickinson College	"Developing a Methodology for Determining Growth Rates in Fossil Bryozoans Using Living Bryozoans from the Adriatic Sea, Croatia." +
05/10/06	Matt Nogier ('06)	Geology Department, Dickinson College	"Stratigraphic Analysis of the Welded Sequence in the Pointer Ridge Pyroclastic Deposit, Hoodoo Mountain Volcano, British Columbia, Canada" +

Fall 2006

DATE	NAME	AFFILIATION	TITLE
09/12/06	Mike Burns ('07), Gordon Clark ('07) , and Maggie Jackson ('07)	Dickinson College	"Summer Research Experiences "
09/19/06	Alex Lloyd ('07) and Chira Endress ('07)	Dickinson College	"Sub-glacial Volcanism at Mt. Edziza, Northern British Columbia"
10/10/06	Adrian Biscontini ('06)	United States Geological Survey	"Acid Mine Drainage"
10/31/06	Helen Delano	Pennsylvania Geologic Survey	"Landslides in Pennsylvania , with Attention to Social and Economic Aspects."
11/07/06	Dr. Beth O'Shea and Dr. Jeff Niemitz	Geology Department, Dickinson College	"The Geology of England and Scotland: Adventures from our Summer Trip"
11/14/06	**Brad Wolf ('95)	BL Companies	"Pollution from Underground Storage Containers "
12/05/06	William Ruddiman	Department of Environmental Sciences, University of Virginia	"Humans First Altered Climate, Thousands (not hundreds) of Years Ago "
12/07/06			Holiday Party

Spring 2005

DATE	NAME	AFFILIATION	TITLE
2/3/05	Kate Wetherell ('05), Evan Visone ('05), Michael Asmussen ('05), and Ned Richmond ('05)	Dept. of Geology Dickinson College	Studying Geology Abroad
2/10/05	Cindy Liutkus	Dept. of Geology Bucknell University	Sedimentology and Stratigraphy of the Ulduvai Region of East Africa
2/17/05	Tim Samson ('05) and Marcus Key	Dept. of Geology Dickinson College	Research on fossilized bryozoa collected from Estonia
2/24/05	Kate Wetherell ('05) and Ben Edwards	Dept. of Geology Dickinson College	Eruption history of pyroclasts (volcanic rocks) collected from Hoodoo Mountain in British Columbia, Canada

3/03/05	Jen Eigenbrode	Geophysical Institute Carnegie Institution	Tapping the 2.6-billion-year old rock record for clues of early microbial life
3/10/05	Mike Asmussen ('05), Ned Richmond ('05), and Ryan Stagaard ('05)	Dept. of Geology Dickinson College	The Senior Geology Internship Experience
3/24/05	Richard Alley	Dept. of Geosciences Penn State University	Potter Lectureship 2005: Global Warming and Abrupt Climate Change: How to Make Money by Cleaning Up After Ourselves
3/25/05	Richard Alley	Dept. of Geosciences Penn State University	See Saws and Sea Ice: An Update on Abrupt Climate Change
3/31/05	Ben Marsh	Dept. of Geography and Environmental Studies Bucknell University	Iron Age Environmental Degradation: Alluvial Burial of ancient Gordion.
4/07/05	Tracy Huff ('03)	Pangean-CMD Associates, Inc.	Adventures in Environmental Consulting: the entry-level perspective
4/14/05	Andrew Roth ('06) & Evan Visone ('05)	Dept. of Geology Dickinson College	High Times in the Great Valley: Remote Sensing by Unmanned Aerial Vehicle and Thrust Faults in Analog Sandbox Models
4/21/05	Ken Macdonald	Dept. of Geological Sciences University of California Santa Barbara	RIDGE 2000 Lectureship Series: 10,000 leagues under the sea: deep dives to explore the underwater volcanoes of the global mid-ocean ridges
4/22/05	Ken Macdonald	Dept. of Geological Sciences University of California Santa Barbara	RIDGE 2000 Lectureship Series: Linkages between tectonics, volcanism, hydrothermal activity, vent animals, and segmentation on mid-ocean ridges
4/28/05	Tim O'Riordan	Dept. of Env. Sciences University of East Anglia Norwich, England	Grounding Sustainability: An international perspective
5/04/05	Tim Samson ('05)	Dept. of Geology Dickinson College	Implications of sampling strategy on C and O isotope chemostratigraphy: a test from the Ordovician of Estonia
5/06/05	Kate Wetherell ('05) & Pete Enderlin ('05)	Dept. of Geology Dickinson College	Volcanology and petrology of the West Tuya Lava Field, Northwestern British Columbia, Canada and Hydraulic evidence of fracture flow in a carbonate aquifer, South Middleton Township, Pennsylvania

5/31/05	Guadalupe Velazquez-Oliman	Dept. of Geology & Env. Geosciences Northern Illinois Univ.	
6/2/05	Bethany O'Shea	Dept. of Earth & Env. Science Univ. of New South Wales, Australia	

Fall 2005

DATE	NAME	AFFILIATION	TITLE
8/30/05	N/A	N/A	Geology Department Welcome Back Luncheon
9/6/05	Matt Nogier ('06), Kendall Reiss ('06), Peter Hanley ('06), Ryan Goldstein ('06), and Cammy Carter ('06)	Dept. of Geology, Dickinson College	Experiences from Spring 2005 Geology Study Abroad Programs: Australia , England , The Atlantic Ocean, and New Zealand
9/13/05	Bethany O'Shea	Dept. of Geology, Dickinson College	Arsenic Contamination in a Town Groundwater Supply: Why is it there? How did it get there? What are the impacts on the local environment?
9/20/05	Katie Ruhl	Massachusetts Institute of Technology	Coupling of tectonics and erosion in central Nepalese Himalayas
10/04/05	Professor Hans Pfister	Dept. of Physics , Dickinson College	A Solar Powered Stirling Engine - Pollution- Free Energy Co-production
10/11/05	Prof. Noel Potter	Professor Emeritus, Geology Department, Dickinson College	(Earth Science Week: Geoscientists Explore Our Earth)
10/14/05	Brian H. Greene, PhD, PG	Army Corp of Engineers	The 1911 Sliding Failure of a Concrete Gravity Dam at Austin, PA
11/1/05	Prof. Ben Edwards and Chira Endress (07)	Dept. of Geology, Dickinson College	Of xenoliths and volcanic ash: Montserrat revisited
11/15/05	Prof. Marcus Key and Kristen Miller (06)	Dept. of Geology, Dickinson College	Developing a Tool for Determining Colony Age in Fossil Bryozoans
11/29/05	Geology Faculty	Dickinson College	Student Research Opportunities in Geology
11/29/05	N/A	N/A	Holiday Luncheon

Spring 2004

DATE	NAME	AFFILIATION	TITLE
1/29/04	Patrick N. Wyse Jackson	Department of Geology, Trinity College, Dublin, Ireland	The Geological Column: the Historical Background to Its Construction
2/2/04	Aviva Sussman	Department of Geology, Bryn Mawr College	Orogenic curvature: Paleomagnetic and Structural Analysis of the Catalan Pyrenees, Spain
2/9/04	Jordan Muller	Dept. of Geological & Env. Sciences, Stanford University	Earthquakes and Fault Interaction Along the North Anatolian Fault System, Turkey
2/13/04	Peter Sak	Department of Geology, Bucknell College	Ridge Subduction Has Its Ups and Downs: Effects of Rough Crust Subduction Along the Erosive Middle American Margin, Costa Rica
2/20/04	Cheryl Waters-Tormey	Department of Geology & Geophysics, University of Wisconsin-Madison	Testing Assumptions About Deformation in the Lower Continental Crust: A Case Study From the Mt. Hay Block, Central Australia
2/26/04	Frances Seymour	World Resources Institute	The Access Initiative: Promoting Public Participation and Accountability in Environmental Decision Making
3/2/04	Sam Earman	Dept. of Mining & Env. Engineering, New Mexico Institute of Mining and Technology	Tectonic Influences on Groundwater Quality
3/9/04	Jill Pasteris, Mineralogical Society of America Distinguished Lecturer	Dept. of Earth and Planetary Sciences, Washington University, St. Louis, Missouri	Broadening Our View of Mineralogy
3/10/04	Martin Helmke	Versar, Inc.	Contaminant Migration Through Fractured Soils: Challenges and Cleanup
3/25/04	Matt Steinman	Dept. of Environmental Studies Wilson College	Bio-Diesel Fuel
4/1/04	Lt. Col. Ken Wisian, Ph.D.	U.S. Army War College	Water Wars and Conflict Connections
4/6/04	Suzy Kairo ('83)	EXXONMobil Upstream Research Company	Determining the Quality of Potential Oil and Gas Reservoirs
4/15/04	Marcus Key	Department of Geology, Dickinson College	Bryozoan research on an active plate margin in Chile
4/29/04	Ben Edwards, Marcus Key and students	Department of Geology, Dickinson College	Hawai'i Volcanology Spring Break Trip

5/6/04	Jeffrey Roth ('01)	Department of Geology, Dickinson College	Martian Field Geology
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Fall 2004

DATE	NAME	AFFILIATION	TITLE
9/9/04	Chris Junium ('00)	Dept. of Geosciences Penn State University	Old, stinky black mud: Nitrogen isotopes in Cretaceous black shales from ODP leg 207
9/16/04	Ben Edwards & Dan Schubert	Dept. of Geology and Department of Sociology, Dickinson College	Soufriere Hills, Montserrat: geosociology of living with an active volcano
10/01/04	Matt Gorrng	Dept. of Earth and Environmental Studies Montclair State University	Ridge Collision Tectonics and Volcanism in the Southern Patagonian Andes
10/7/04	Sarah Principato	Dept. of Environmental Studies Gettysburg College	Dating techniques including radiocarbon dating, tephrochronology and cosmogenic isotope exposure dating, and how they help decipher the chronology of glaciations in northwest Iceland
10/14/04	John Dernbach	Pennsylvania Department of Environmental Protection	Sustainable Development: Now more than ever
10/21/04	Ian Skilling	Dept. of Geology and Planetary Science University of Pittsburgh	What happens when magma meets wet stuff: the interaction of magma with water, ice, and wet sediment.
10/28/04	Martin Helmke	Dept. of Geology, Dickinson College	A day in the life of an environmental consultant
11/4/04	Peter Enderlin ('05) and Adrian Biscontini ('06)	Dept. of Geology, Dickinson College	Fracture-Controlled Groundwater transport at the Dickinson College Well Field and U-Th/He dating of xenoliths from the NCVP, northwestern Canada
11/18/04	Nadine McQuarrie	Dept. of Geosciences Princeton University	How the West was widened
12/7/04	Ben Edwards, Marcus Key, Martin Helmke, Peter Sak	Dept. of Geology, Dickinson College	Internship, Independent Study, and Independent Research possibilities for next year

Spring 2003

DATE	NAME	AFFILIATION	TITLE
1/30/03	Bruce Lindsay	U.S. Geological Survey, New Cumberland, PA	Groundwater Residence Time and Response to Nutrient Management Changes in the Chesapeake Bay
2/13/02	Jeff Niemitz, Pam Cowher, Cheryl Eberth, Tracy Huff, Katie Sauer, Julie Vastine, Hilary Zawidowski	Departments of Envirntonmental Studies and Geology, Dickinson College	Paleosols and Waer Resources on San Salvador Island, Bahamas
2/27/03	Kelly Brzezinski, Jill Draper, Kristen Farwell, Alex Forte, Alex Hoffmeier, Marcus Key, Josh Yonas	Departments of Biology, English, Environmental Studies, Geology, and Political Science, Dickinson College	Geology and Evolution in the Galapagos
3/27/03	Steve Lev ('92)	Department of Physics, Astronomy, and Geosciences, Towson University	Orogenesis vs. Diagenesis: Can We Use Organic-rich Shales to Interpret the Tectonic Evolution of a Depositional Basin?
4/3/03	John Pusey ('98) and John Caccese	Earth Engineering, Inc., Blue Bell, PA	Geologists in Geotechnical Engineering
4/17/03	Jennifer Law ('01)	U.S. Department of Energy, Hanford, WA	Carbon Tetrachloride (CCl ₄) Contamination of the Vadose Zone and Groundwater at the Department of Energy's Hanford Site
4/24/03	David W. Oldham	Oldham Geoscience, Morgantown, WV	Regional Seismic Interpretation of the Rome Trough, West Virginia - Implications for Deep Gas Exploration
5/1/03	Clarence Digman	Department of Geology, Dickinson College	The Litho and Chemostratigraphy of the Newark Basin, Nursery Member: Evidence for Biogenic Productivity in Paleolakes on a sub-21 k.y. Time Scale
5/1/03	Cheryl Eberth	Department of Geology, Dickinson College	Physical Analysis of Tidal Flow in Three Inland Ponds, San Salvador Island, Bahamas
5/1/03	Tracy Huff	Department of Geology, Dickinson College	Fresh Water Recharge of Carbonate Groundwater Systems
5/1/03	Hilary Zawidowski	Department of Geology, Dickinson College	Paleosols and Soils of San Salvador, Bahamas: Chemical Composition and Diagenetic Processes
5/2/03	Shaun Brown	Department of Geology, Dickinson College	The Characterization and Correlation of Two Tephra Deposits at Korovin Volcano, Central Aleutian Islands, U.S.A.

Fall 2003

DATE	NAME	AFFILIATION	TITLE
9/11/03	Marcus Key	Dept. of Geology, Dickinson College	New Zealand: A bryozoan carbonate factory
9/18/03	Jeff Niemitz	Dept. of Geology, Dickinson College	Water resources in Belize: Problems of education, infrastructure, and geology
9/25/03	Ben Edwards and Kate Wetherell ('05)	Dept. of Geology, Dickinson College	Volcanoes, glaciers, and wildlife: a diary of a research expedition to northwestern British Columbia
10/9/03	Orrin Pilkey	James B. Duke Professor Emeritus of Geology, Duke University, 2003 Dickinson College, Priestly Award recipient	A Global View of Barrier Islands
10/16/03	John Knox	Dickinson School of Law	To Drill or Not To Drill? The Debate Over the Arctic National Wildlife Refuge
10/23/03	Eric Epstein	DMFR Monitoring; TMI Alert	The future of nuclear energy in PA
10/30/03	Tom Linzey	Community Environmental Legal Defense Fund	Factory farming and groundwater contamination
11/13/03	Paul Zeph	National Audubon Society	Kittatinny Ridge Project
11/20/03	Laura Toran	Dept. of Geology, Temple University	Stormwater sampling in karst: Implications for contaminant transport

SPRING 2002

DATE	NAME	AFFILIATION	TITLE
2/1/02	Michael Stewart	Duke University, Mineralogy/Petrology Candidate	Insights into the Three-Dimensional Character of Crustal Construction at Fast-Spreading Mid-Ocean Ridges: Evidence from Dikes and Lavas from the Hess Deep Rift
2/8/02	Laura Wasylenki	Hartwick College	Pregnant or Not-So-Pregnant Mantle: Implications for Generation of Ocean Ridge Basalts
2/22/02	Frank J. Pazzaglia	Lehigh University	Appalachian Geomorphology New Insights From He Thermochronology
3/1/02	Karen J. Weinstein	Dickinson College	Intra- and Inter-specific Variation in Modern Human and Nonhuman Primate Skeletal Morphology as a Way of Understanding Environmental Adaptations in Human Evolution
3/8/02	Thomas Hoffman ('68)	CONSOL Energy, Inc.	And the Road Less Traveled
4/5/02	Charlie Grenot	Consulting Geologist	Geoenvironmental Challenges in the Aggregate Industry

4/12/02	John Van Horn	Letterkenny Industrial Development Authority	Hydrogeo"logical" Redevelopment of Superfund Properties
4/19/02	Duane Braun	Bloomsburg University	PA Glaciation What We've Learned in the Last 20 Yrs.
4/26/02	Jeff Barnes	Cumberland Geotechnical Consultants	Coring Demonstration
5/3/02	Megan Gerseny & Katie Tamulonis	Dickinson College	Student Independent Research

FALL 2002

DATE	NAME	AFFILIATION	TITLE
9/13/02	Cheryl Eberth, Hilary Zawidowski, Katie Sauer	Dickinson College	Our Summer Job Experiences
9/20/02	Clarence Dingman, Mike Sasso, Mike Snyder	Dickinson College	Student Independent Research Proposal Presentations
9/27/02	Shaun Brown, Mike Sasso, Mike Snyder	Dickinson College	Our Study Abroad Experiences in New Zealand
10/11/02	Abigail Smith	University of Otago, New Zealand	Making Shellbeds: Carbonate Production by Bryozoans
10/14/02	Jeffrey Niemitz	Dickinson College	Water Resources Management in the Bahamas (Earth Science Week Lecture)
10/15/02	Ben Edwards	Dickinson College	Natural History of Hawaii (Earth Science Week Lecture)
10/17/02	Shaun Brown ('03)	Dickinson College	Korovin Volcano - Evaluating the Hazard (Earth Science Week Lecture)
10/25/02	Karen Weinstein	Dickinson College, Anthropology Dept.	Geographic Variation and Skeletal Morphology in Human and Nonhuman Primates as a Way to Understand Biological Variation in the Human Fossil
11/8/02	Mark A. Wilson	Wooster College	Life Between a Rock and a Hard Place
11/15/02	Jay Parish	PA Geological Survey	Color Infrared Imagery in Geologic Mapping: Agricultural Geobotany
11/22/02	Ben Edwards, Marcus Key, Jeff Niemitz, Noel Potter	Dickinson College	Faculty Presentations of Potential Student Research Projects

12/13/02	Shaun Brown, Clarence Dingman, Cheryl Eberth, Tracy Huff, Mike Sasso, Katie Sauer, Mike Snyder	Dickinson College	Student Independent Research Mid-Year Reports
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SPRING 2001

DATE	NAME	AFFILIATION	TITLE
2/2/01	Dr. Marcus M. Key, Jr.	Geology Department Dickinson College	The Geology of New Zealand
2/23/01	Tara Jones ('98)	Layne Associates	Working in the Geotechnical Field: How to get paid to play in the dirt
Postponed	Dr. Gene Yogodzinski	Geology Department Dickinson College	Volcanoes on the Edge
3/9/01	Jeb Baxter	Harrisburg Area Community College	Selection, Application and Management of Multiphase in-situ Remediation Technologies
3/30/01	Robert Beard	Science Applications International Corp.	Opportunities and Pitfalls for the Consulting Geologist: Anticipated Industry Trends for the 2000s
4/6/01	Dr. Gale Blackmer	PA Dept. of Conservation & Natural Resources	A New Look at the Heart of the Pennsylvania Piedmont
4/27/01	Joel Knauff, Jennifer Law, Kylene McLucas, Jeffrey Roth ('01)	Geology Department Dickinson College	Senior Independent Research Talks
5/4/01	Jeremy Coerper ('01)	Geology Department Dickinson College	Honors Defense: Hydrogeology of the Cockburn Town Well: San Salvador Island, Bahamas: Implications for Aquifer Recharge and Subsurface Hydraulics

FALL 2001

DATE	NAME	AFFILIATION	TITLE
9/14/01	Mark Kauffman (Science Technician), Megan Gerseny ('02), Shaun Brown ('03)	Geology Department, Dickinson College	5 Geologists and a Volcano
9/21/01	Megan Gerseny ('02), Kathryn Tamulonis ('02)	Geology Department, Dickinson College	Student Independent Research Proposals

9/28/01	Marcus Key, Jr., Noel Potter, Jr., Michael Sasso ('03)	Geology Department, Dickinson College	WOW (Way Out West) Trip
10/12/01	Kylene McLucas ('01)	Coal Creek Watershed Foundation	Flood Abatement and Acid Mine Drainage Remediation in the Coal Creek Watershed, TN
11/2/01	Dr. Roger Cuffey	Penn State University	Bryozoans, Battle Wreckage, and Artificial Reefs
11/16/01	Dr. Charles Scharnberger	Millersville University	Will Pennsylvania Fall Into The Sea? Earthquakes in Pennsylvania and the Surrounding Region
11/30/01	Marcus Key, Jeff Niemitz, Noel Potter	Geology Department, Dickinson College	Faculty Research Projects for 2002- 03
12/7/01	Megan Gerseny ('02)	Geology Department Dickinson College	Using Plagioclase Zoning as an indicator of magmatic processes in Korovin Volcano, Atka Island, Aleutians
12/7/01	Kathryn Tamulonis ('02)	Geology Department Dickinson College	Provenance of Late Pleistocene Dropstones, in the Wilson Creek Formation, Mono Lake, CA
12/13/01	Dr. Nathalie Marchildon	University of Maryland, Mineralogy/Petrology Candidate	Migmatites and Melt Flow in the Earth's Crust
12/17/01	Dr. Ben Edwards	Grand Valley State University, Mineralogy/Petrology Candidate	Terrestrial Volcano-ice Interaction: Episodic Ice Sheets and Volcanism at Hoodoo Mountain Volcano, Northwestern Canada

SPRING 2000

DATE	NAME	AFFILIATION	TITLE
2/11/00	Sam Berkheiser	PA Geologic Survey	The Role of Pennsylvania's Industrial Minerals in the Economy of the State and the Nation
2/25/00	Dr. William Vernon	Professor Emeritus Geology Department Dickinson College	Mineralogical and Metallurgical Studies of Bronze- Age Archeological Sites in Thailand
3/3/00	Dr. Dru Germanoski	Lafayette College	Landscape Response to Climatic Change in Central Nevada
3/24/00	Dr. David Bailey	Hamilton College	Geologic History of the Rocky Coast of Maine: Basalts, Granites, and Glaciers
3/31/00	Dr. Robert Metsger	New Jersey Zinc (retired)	Detwatering and subsidence problems at the Friedensville Zinc Mine, Saucon Valley, PA
4/7/00	Christopher Junium ('00)	Geology Department Dickinson College	Honors Defense: Hydrothermal Alteration of the Balls Bluff Silt Stone, Culpeper Basin, Virginia

4/7/00	Lynn Hamilton ('00)	Geology Department Dickinson College	Petrology of Ultramafic Xenoliths from a Subduction Volcano
4/14/00	Scott Laird ('71)	URS Greiner Woodward Clyde	Geologists: Mind Your Own Business

FALL 2000

DATE	NAME	AFFILIATION	TITLE
9/8/00	Dr. Marcus M. Key, Jr.	Geology Department Dickinson College	The Carbonate Geology of Ireland
9/15/00	Christopher Junium ('00)	Geology Department Dickinson College	My Summer at Geology Field Camp
9/22/00	Jeremy Coerper ('01)	Geology Department Dickinson College	Study Abroad in New Zealand
10/20/00	Dr. Kevin Furlong	Penn State University	From the Upper Mantle to the Eel River, Active Tectonics of the Mendocino Triple Junction
10/27/00	Dr. Michael Hozik ('70)	Department of Geology Stockton College	Tectonic Applications of Paleomagnetism: Examples from Utah and New Jersey
11/3/00	Dr. David Robinson ('77)	Department of Geology Rutgers University	Snow-Climate Interactions

Spring 1999

DATE	NAME	AFFILIATION	TITLE
1/29/99	Bill Roman	Gannett Fleming Inc.	A Tale of Two Dams: The Penn Forest Dam Replacement Project
2/5/99	Dr. Tom Feeney	Shippensburg University	Glaciated Karst: Examples from the Great Lakes Region
2/12/99	Dr. Juliet Crider	Bryn Mawr College	The Development of Normal Fault Systems
2/19/99	Dr. Robert Wiebe	Franklin & Marshall College	Granite Stratigraphy
3/12/99	Dr. Dennis Terry	Washington & Lee University, Sabbatical Candidate	A Pedologic Approach to Geologic Interpretations: The Badlands of Northwestern Nebraska
3/24/99	Jennifer Elick	University of Tennessee, Sabbatical Candidate	Taphonomy and Paleoenvironmental Interpretation of Plants from the Battery Point Formation, Gaspe, Quebec
4/2/99	Geology Faculty	Dickinson College	Topics for possible student/faculty research for 1999-2000

4/16/99	Dr. Jeffrey Niemitz, Adam Tagliamonte ('99)	Dickinson College	Bahamas Hydrogeochemistry and Implications for Water Supply: A Crisis in Paradise
4/30/99	Catherine M. Jamet ('99)	Dickinson College	Honors Defense: Bryozoan Colony Growth Rates: A Proxy for Cool-Water Marine Carbonate Production Rates
4/30/99	Adam Tagliamonte ('99)	Dickinson College	Honors Defense: Hydrogeochemical Analysis of the Cockburn Town Wellfield, San Salvador Island, Bahamas: Implications for Sustainable Water Supply

Fall 1999

DATE	NAME	AFFILIATION	TITLE
9/10/99	Dr. Rudy Slingerland	Penn State University	Erosion and Mountain Building
9/24/99	Dr. Gene Yogodzinski	Dickinson College	Volcanoes on the Edge
10/22/99	Dr. Eric Steig	University of PA	Climate Records from Ice Cores
11/5/99	Geology Department Faculty	Dickinson College	Research Forum
11/19/99	Dr. Craig Oyen	Shippensburg University	Biostratigraphy, Paleobiogeography, and Evolution of Fossil Echinoderms from Florida
12/3/99	Dr. James Pizzuto	University of Delaware	River Restoration and Fluvial Geomorphology

Spring 1998

DATE	NAME	AFFILIATION	TITLE
2/6/98			Geology Faculty Research Forum
2/13/98	Sara Jablonski ('98), Emily Gaskin ('98)	Dickinson College	Sinkholes-to-Vesuvius: The Recent Experiences of Two Dickinson Students in Geology
2/20/98	Pete Hutchinson	Hutchinson Group Consultants, Ltd.	Geology of a Landfill
2/27/98	Marcus M. Key, Jr.	Dickinson College	Bryozoan Fouling of Crustaceans: An Effective Recent Analog for Trilobites?
3/27/98	Sharon Stern	Structure and Deformation in the Mojave Desert,	University of Kansas Southeastern California
4/10/98	Ruth Allen ('99)	Dickinson College	Great-grandfather Elephant's Land: Touring the Natural Treasures of Southern Africa
4/17/98	Dr. William Glass	University of Delaware	Tectite Strewn Fields

4/24/98	Dr. Carol deWet	Franklin & Marshall College	Variation in Lacustrine and Spring Carbonate Deposition: Northern, Central and Southern Mesozoic Rift Basins, Eastern North America
5/1/98	Susan Herrgesell ('98)	Dickinson College	Honors Defense: Preliminary Geochemistry and Carbon-Sulfur-Iron Systematics of a Late Triassic Rift Lake, Warford Member, Passaic Formation, eastern North America
5/1/98	Meredith Robertson ('98)	Dickinson College	Honors Defense: Sedimentology and Mineralogy of the Susquehanna Flats, Chesapeake Bay, Maryland
5/8/98	Tara Jones ('98)	Dickinson College	Honors Defense: Analysis of Deformation Mechanisms in the Weverton Quartzite Conglomerate at Hammonds Rocks, South Mountain, PA

Fall 1998

DATE	NAME	AFFILIATION	TITLE
9/11/98	Dr. Gene Yogodzinski, Maria Ejzak ('98)	Dickinson College	Blackflies, Borscht, and Basalt: The Maria Ejzak ('98) Remembrances of Two Dickinson Geologists in Kamchatka
9/18/98	Jeff Niemitz, Noel Potter	Dickinson College	Geysers, Gullies, and Gold Mines: A field trip to South Dakota and Wyoming
10/14/98	Thomas L. Holzer	U.S. Geological Society	Earthquakes and Natural Disaster Insurance
11/13/98	Dr. Edward Simpson	Kutztown University	Sedimentology of the Neoproterozoic Catoctin Formation of Virginia
11/20/98	Dr. Steven Lev	National Institute of Standards	Solving the Mystery of the Dead Cat: Using Geochemistry and Petrography and Technology to Understand Basin History

Spring 1997

DATE	NAME	AFFILIATION	TITLE
2/7/97	Gene Yogodzinski	Dickinson College	A Petrologist's Perspective on Volcanic Hazard Assessment at the Proposed High Level Waste Repository at Yucca Mtn., Southern Nevada
2/14/97	Ed Dill	Exploration and Consulting Geologist (retired)	Mineral Resource vs. Ore Reserve: The Role of a Geologist
2/21/97	Andy Chang ('96)	Stillwater Mining Company, Stillwater MT	Underground Geology at the Stillwater Mine, Montana
2/28/97	Dr. Tom Armstrong	U.S. Geological Survey Reston VA	Geotectonic History of the New England Appalachians
3/28/97	Jonathan Cox ('97), Kerstin Witte ('97)	Dickinson College	Senior research talks on the Newark Basin project and on water quality at a mine and milling site in Madagascar
4/18/97	Noel Potter	Dickinson College	Potter on Rock Glaciers

Fall 1997

DATE	NAME	AFFILIATION	TITLE
9/23/97	Dr. Craig Kochel	Bucknell University	Modern Debris Flows of Western VA
10/9/97	Dr. Frank Press	Carnegie Institution of Washington, National Academy of Sciences Emeritus	Can Scientists Provide Credible Advice to Policy Makers?
10/10/97	Dr. Frank Press	Carnegie Institution of Washington, Priestley Recipient	Earth Sciences and Public Policy Issues
10/10/97	Dr. Frank Press	Carnegie Institution of Washington, Priestley Recipient	An Example of Pattern Recognition to Geological Interpretation
10/14/97	Rob DeSalle	American Natural History Museum	Biological and Evolutionary Principles Related to Jurassic Park and Lost World (Science & Hollywood Series)
10/31/97	Jon Cox ('97)	Dickinson College	Experiences at the Indiana University Field Camp, Summer 1997
11/6/97	Dr. David Menzie ('71)	U.S. Geological Survey	What Skills Should a Graduating Geology Major Have to be Successful?
11/7/97	Dr. David Menzie	U.S. Geological Survey	Building and Using Mineral Deposit Models

11/21/97	Dr. David Anastasio	Lehigh University	Deformation of a Duplex, Lost River Range, Idaho
12/4/97	Jack Lockwood	U.S. Geological Survey	Volcanos (Science & Hollywood Series)
12/5/97	Jack Lockwood	U.S. Geological Survey	The Evaluation of Volcanic Hazards at Mauna Loa Volcano, Hawaii

Spring 1996

DATE	NAME	AFFILIATION	TITLE
2/16/95	Dr. John Haynes	Secondary Teacher, Baltimore MD; Smithsonian Institution	K-bentonites in the Ordovician Stratigraphic Record of the Southern Appalachians: Altered Tephros that Provide a Record of Explosive Volcanism during the Taconic Orogeny
2/23/96	Rolf Ackermann ('92)	Rutgers University	A Class of '92 Perspective on Graduate Studies in Structural Geology, Geomorphology, and Hydrology
3/1/96	Dr. Timothy Bechtel	Enviroscan Inc.	Hey - This Geophysics @#*!#@ Really Works
3/8/96	Dr. Gale Blackmer	West Chester Univ., Sabbatical Candidate	Thermal and Unroofing History of the Appalachian Basin in Pennsylvania
3/14/96	Dr. David Greene	Univ. Of NV, Reno, Sabbatical Candidate	The Gem Lake Shear Zone: Cretaceous Strike Slip Faulting in the Eastern Sierra Nevada, California
4/5/96	Dr. Robert Sullivan	State Museum	The Many Myths of Dinosaur Extinction: Decoupling Dinosaur Extinction From the Asteroid Impact
4/12/96	Dr. Roger Thomas	Franklin & Marshall	A Construction Set for Animal Skeletons: Cambrian Exploitation of the Evolutionary Playground
4/26/96	Meredith Robertson ('97)	Dickinson College	A Case Study of an Academic Internship at Groundwater Services International, Inc.
4/26/96	Jonathan Gourley ('96)	Dickinson College	The Geology of Pole Steeple: Analysis of the Skolithos Trace Fossil

Fall 1996

DATE	NAME	AFFILIATION	TITLE
7/24/96	Jason Erdman ('96)	Dickinson College	Hydrogeology of the Cockburn Town Aquifer, San Salvador, Bahamas and the Change in Water Quality Resulting from the Development of a Resort Community

9/6/96			Grand Canyon Pizza Party
9/20/96	Jonathan Cox, Derek Peachy ('97)	Dickinson College	A Year of Geology Down-Under
10/11/96	Dr. Abigail Smith	University of Otago, New Zealand	What's a Bryozoan Worth?
11/1/96	Dr. David P. Gold	Penn State University	Kimberlites and Carbonatites: Windows to the Upper Mantle
11/8/96	Rob Thieler ('87)	Duke University	Understanding and Predicting Beach and Coastal
11/15/96			Geology Department Faculty Research
12/6/96	Dr. Scott McColloch	Virginia Geological Survey	Geographic Information System Data Models for Geology

Spring 1995

DATE	NAME	AFFILIATION	TITLE
2/10/95	Christine Smith	Colorado College	Migmatites of West Antarctica and Processes for Late-Stage Gondwana Breakup (With Special Insights From the Mineral Cordierite)
2/14/95	Harold Smith	Brown Univ.	Metamorphism as Seen Through Rocks From the Himalayas of Pakistan
2/17/95	Dr. Gene Yogodzinski	Univ. of NV-Las Vegas	Petrology and Geochemistry of Basalt as a Guide to the Evolution of a Mafic Volcanic Field in the Basin and Range of South-Central
3/3/95	Trent Harrison ('94)	Dickinson College	Northern Appalachian Geology & The Field Camp Experience
3/10/95	David Graham ('85)	CQS Inc.	Ethics and the Environment - an Overview and Discussion
3/14/95	Dr. Dallas Rhodes	Whittier College	Tectonic Geomorphology of Strike-Slip Faults in California
3/31/95	Dr. Rudy Slingerland ('69)	Penn State Univ.	Oceanography of the Cretaceous Seaway in Western North America
4/7/95	Bob Ganis	Tethys Consultants, Inc.	Industrial Minerals, the Other Half of Economic Geology: Examples of Deposits From Around the U.S. And Canada
4/14/95	Dr. Donald U. Wise	Franklin & Marshall	Central Apennines of Italy: New Wrinkles on Roll-Back Tectonics
4/21/95	Bill Roman	Gannett Fleming	The Role of a Geologist in a Consulting Engineering Firm

4/28/95	Bradley Wolf ('95)	Dickinson College	Internship on Hydrogeology with Tethys Consultants, Inc., Harrisburg
4/28/95	Jason Erdman ('96)	Dickinson College	Internship on GIS Applications with DER, Bureau of Waste Management

Spring 1994

DATE	NAME	AFFILIATION	TITLE
4/1/94	Katherine Bock ('90)	Univ. of Delaware	From Rocks to Riches???: Research and Life at Graduate School
4/22/94	Rob Thieler ('87)	Duke University	Geologic and Sedimentary Characteristics of the Wrightsville Beach, NC Shoreface: Implications for Beach Replenishment and Coastal Sediment Transport modeling

Spring 1993

DATE	NAME	AFFILIATION	TITLE
3/12/93	Nancy Jarvis ('84)	Cortland Co. Planning Dept.	Groundwater Protection in Cortland, NY
4/9/93	Tania Brice ('87)	GeoServices, Ltd.	Adventures in Environmental Consulting
4/16/93	Jennifer VanPelt ('89)	ECRI	Sediments and Sea Level in a Delaware Salt Marsh: a 6,000 Year History
4/23/93	Gretchen Dockter ('91)	Env. Strategies Corp.	A Case Study of a Hazardous Waste Site
4/30/93	Dr. Craig Dietsch ('78)	Univ. of Cincinnati	Pressure-Temperature-Time Deformation Paths: The Life Histories of Metamorphic Rocks (A Story of Pseudomorphs, Inclusion Trails, and Zircon Dust)

Fall 1993

DATE	NAME	AFFILIATION	TITLE
9/10/93	Dr. Michael Wolf	Univ. of OK	Continental Crust Formation: Insights From Experimental- and Field-Based Studies of Tonalite Genesis and Emplacement Mechanisms
10/8/93	Marcus Key, Noel Potter, Mark Zuck ('94), Sue Millspaugh ('95)	Dickinson College	Geology Club's May 1993 Field Trip to New England

10/15/93	Steve Lev ('91)	Univ. of Cincinnati	A Geochemical Reconstruction of the Iapetus Ocean
10/15/93	Trent Harrison ('94)	Dickinson College	Paleo-oceanographic Reconstruction of Ordovician Black Shales in Wales
11/5/93	Rolf Ackermann ('92)	Rutgers Univ.	Kinematic Significance of Sediment-Filled Fissures in the Fundy Basin, Nova Scotia, Canada
11/12/93	Juliane Bowman ('94)	Dickinson College	The Cultural Experiences and Academic Implications of Studying Environmental/Earth Sciences Abroad at the University of East Anglia, Norwich, England
11/19/93	Julie Collins ('94)	Dickinson College	Functional Morphology of Colonial Organisms
11/19/93	Jennifer Atkins ('94)	Dickinson College	Adventures in Geophysics at the Lamont-Doherty Earth Observatory
12/3/93	Norma Luke ('94), Dr. Henry Hanson	Dickinson College	A Study of the Environment of Deposition of the Martinsburg Shale Near Newville, PA and Other Stories of NUSEX2.BAS and Poison Ivy

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DATE	NAME	AFFILIATION	TITLE
10/30/92	Dr. Marcus Key	Dickinson College	Progress: Evolutionary and Eastward
11/6/92	Trent Harrison ('94)	Dickinson College	Geology of Black Hills and Yellowstone
11/13/92	Peter McAlenney ('93)	Dickinson College	Acid Mine Drainage in Pennsylvania Coal Fields
11/20/92	Dr. Noel Potter	Dickinson College	Rock Glaciers of Wyoming
12/11/92	Dr. Jeff Niemitz	Dickinson College	Roman Geoarcheology in Northern England