

GEOLOGY FIELD TRIP: GEOS 437V and 537V

Spring 2022 Syllabus

Trip Preparation: Thursdays, 4:00-5:00 PM in GEAR 008 (*Last class is March 31, 2022*)

Trip Leaders: Gregory Dumond

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Adriana Potra

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Office: GEAR 022

Office Hours: *Dumond* = Tu & Th 1-3 PM; *Potra* = Tu & Th 2-4 PM

Goal. Visit, experience, and learn as a group about Rio Grande rift geology during Spring Break!

EVALUATION.

Grading: 1 Credit Hour

- Attend each weekly seminar. Read assigned readings.
- Attend field trip.
- Make notes and sketches in field book throughout entire trip. (*Field book is provided by instructors at start of trip.*)

2 Credit Hours

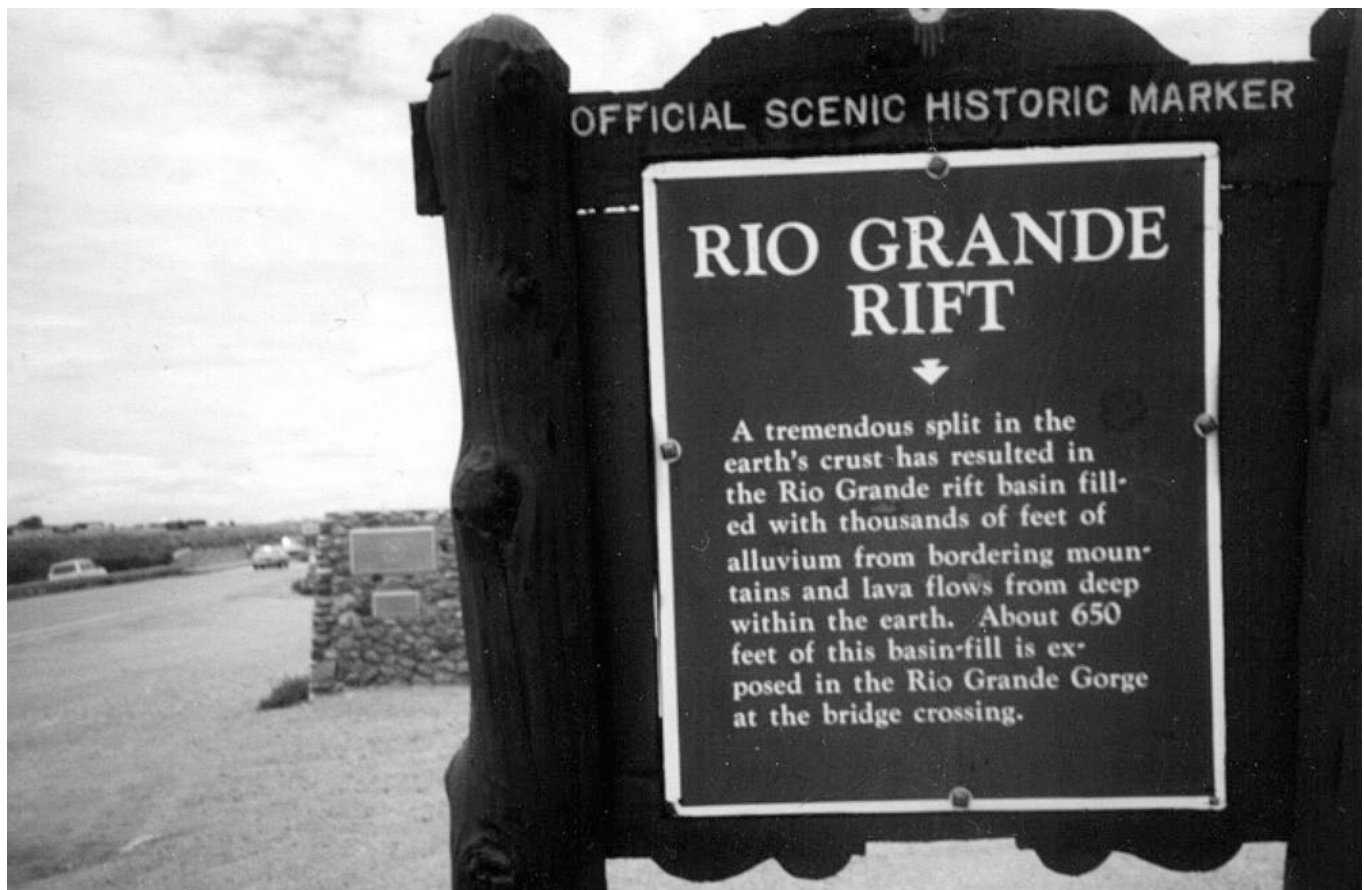
- Attend each weekly seminar. Read assigned readings.
- Attend field trip.
- Make notes and sketches in field book throughout entire trip. (*Field book is provided by instructors at start of trip.*)
- Contribute 2-3 page paper with figures and citations for field trip guidebook.
- Give oral presentation of your field trip stop during the trip.

CLASS OUTLINE.

Class	Date	Topic
01	Th 1/20	Introduction. Go over schedule and field trip stops. Read Ricketts et al. (2021-GSA Today) for next class.
02	Th 1/27	Precambrian assembly of North America. Picuris Orogeny in New Mexico.
03	Th 2/3	Permian reefs, Delaware basin, evaporites, and nuclear waste. Texas Panhandle canyons – Palo Duro Canyon State Park.
04	Th 2/10	Turn in field trip guidebooks topics. The Colorado Plateau Enigma.
05	Th 2/17	Cretaceous flat slab subduction. Sevier and Laramide Orogenies.
06	Th 2/24	North American Basin and Range Extension.
07	Th 3/3	Tertiary Ignimbrite Flare-Up and Volcanic Caldera Complexes.
08	Th 3/10	Field trip guidebook papers DUE. Continental Rifts.
09	Th 3/17	Assemble and bind field trip guidebooks. Logistics and final planning.
March 19-26: Spring Break Geology Field Trip		
10		Thursday, March 31: Final brief meeting to discuss trip and turn in field books.

“And when the days were right, I was looking behind the magnificence for the meanings.”

- professional walker Colin Fletcher (1922-2007), The Man Who Walked Through Time
(First person to hike the length of Grand Canyon National Park)



SYLLABUS INFORMATION REQUIRED BY THE UNIVERSITY

COVID-19 PROTOCOLS: The University and Fulbright College of Arts and Sciences have established guidelines to achieve safe and effective learning this Spring 2022 during the ongoing COVID-19 pandemic: at <https://health.uark.edu/coronavirus/index.php>. **Face-to-Face Classroom and Lab Expectations:** During face-to-face interaction in GEAR, students must enter the room with their mask on, and the mask must remain on. You must wear a mask while in class for your protection and for the protection of those around you. Masks must be properly worn, over your nose and mouth, at all times especially when entering and leaving the classroom. If you do not have a mask, please let me know, and a mask will be provided for you. Eating and drinking is not permitted during class. Individuals should leave the classroom to eat or drink, as necessary. If you require accommodations due to a disability, please contact the Center for Educational Access. Students will sit in the same seat each class to facilitate contact tracing, if needed. Attendance will be taken at the end of every lecture and lab. **If you cannot attend the face-to-face class or lab due to an excused absence, let Dr. Dumond or Dr. Potra know so you access the class recording. There will be no live streaming of the class. We will under normal conditions be lecturing face-to-face in the classroom.** If you would like to view the class recording instead of attending the face-to-face lectures, please send an email to us to make a request for consideration.

EXCUSED ABSENCES are: (1) illness of the student, (2) serious illness or death of a member of the student's immediate family or other family crisis, (3) University-sponsored activities for which the student's attendance is required by virtue of scholarship or leadership/participation responsibilities, (4) religious observances, (5) jury duty or subpoena for court appearance, and (6) military duty. The instructor has the right to require that the student provide appropriate documentation for any absence for which the student wishes to be excused. Only students with excused absences will have access to lecture and lab recordings.

STUDENT SUCCESS AND SUPPORT: U of A Cares is a supportive partnership with students linking them with resources that help them overcome barriers on their path to success, both personal and educational. See <https://uofacares.uark.edu/> and <https://success.uark.edu/>.

ACCOMMODATION OF DISABILITIES: University of Arkansas Academic Policy Series 1520.10 requires that students with disabilities are provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, contact me privately and/or the Center for Educational Access (CEA) at the beginning of the semester to arrange for necessary classroom adjustments. You must first verify your eligibility for accommodations through the Center for Educational Access (contact 479-575-3104 or visit <https://cea.uark.edu/> for more information on registration procedures).

TECHNOLOGY POLICY: The use of phones, tablets, laptops, etc., for purposes other than note taking or learning geology is not allowed during class. You are in class to learn, not socialize with your media! **Flagrant violation of this policy will result in you being dismissed from class for the day!**

INCLEMENT WEATHER: If the University is open, class will be in-session. Call the Weather Hotline when in doubt at (479) 575-7000. I will follow-up with a class-wide email notifying you of the situation. The University's inclement weather policy is available at <http://emergency.uark.edu/14701.php>

ACADEMIC HONESTY STATEMENT: "As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail. Each University of Arkansas student is required to be familiar with and abide by the University's 'Academic Integrity Policy' which is found at <https://honesty.uark.edu/policy/index.php> Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor." **No cheating or plagiarism will be tolerated.**

SEXUAL ASSAULT AND DOMESTIC OR DATING VIOLENCE: If you are in danger, dial 9-1-1. For confidential help, call the University Victim Advocate at (479) 575-7252. The University of Arkansas prohibits sexual harassment or acts of sexual assault, domestic violence, dating violence and stalking committed against students, employees, campus visitors, and other persons who use University facilities. Sexual assault is any form of sexual activity where consent is not consciously and voluntarily given. Anyone can be a victim of sexual assault. Sexual harassment is prohibited by University policy and is a form of sex discrimination prohibited by Title VII of the Civil Rights Act of 1964 and by Title IX of the Education Amendments of 1972. Sexual assault is a crime, as defined by the Arkansas criminal code. Important sexual assault information and guidance is available at: <https://report.uark.edu/sexual-assault-or-domestic-dating-violence/index.php> and respect.uark.edu. File a formal report at report.uark.edu.

EMERGENCY PROCEDURES: Many types of emergencies can occur on campus. Instructions for specific emergencies such as severe weather, an active shooter, or fire can be found on the web at <https://safety.uark.edu/emergency-preparedness/>

SEVERE WEATHER (e.g., Tornado Warning):

- Follow the directions of the instructor or emergency personnel.
- Seek shelter in the basement or an interior room or hallway on the lowest floor, putting as many walls as possible between you and the outside.
- Get to lowest floor in multi-story buildings. If not possible, go to hallway near center of building.
- Stay in the center of the room, away from exterior walls, windows, and doors.

VIOLENCE or ACTIVE SHOOTER (C.A.D.D.):

- **CALL.** 9-1-1
- **AVOID.** Evacuate to safe area outside building, if possible. Follow directions of police officers.
- **DENY.** Barricade door with desks, chairs, bookcases, etc. Move to a place inside the room where you are not visible. Turn off lights and remain quiet. Remain there until told by police it is safe.
- **DEFEND.** Use desks, chairs, cell phones, or whatever is immediately available to distract and/or defend yourself and others from attack.

CONCEALED CARRY ON CAMPUS: Handguns are only allowed on campus (including all classrooms) to the extent specifically authorized by state law. Everyone who lawfully possesses a handgun and an enhanced carry permit must keep the handgun concealed from public view and is responsible for carrying the handgun in a safe manner. If the concealed handgun is in a personal carrier such as a backpack, purse, or handbag, the carrier must remain within arm's reach. During this class, you may be required to engage in activities that require you to be physically separate from your belongings and you should plan accordingly. Any student who violates the concealed carry laws while on campus may be subject to criminal prosecution and/or discipline by the University, up to and including dismissal. If you observe someone displaying a handgun or other weapon on campus, it should be reported to the University of Arkansas Police Department. For more information, please go to <https://safety.uark.edu/>.