**Participants**: If you are using your own computer or other equipment for the expedition, please bring any items with you for the start of the orientation. Every day, we will be meeting in the hotel lobby, as a group, for our drive to the meeting location. If you plan to walk, it will take at least 30 minutes so plan accordingly. Please bring everything you need for the day and be on time.

mine.		
Monday, 16 (All day at SEEL	March 2020 L 303; University of Colorado)	
7:30 a.m. &	If you plan to walk to the meeting room leave at 7:30 a.	m.
7:40 a.m.	Meet in lobby at 7:40 a.m. for those who want a ride.	
PROGRAM INTE	RODUCTION AND OVERVIEW	
8:00 a.m.	Introductions and Welcome	Janet Warburton
	<ul> <li>Agenda for the Week</li> </ul>	PolarTREC Project
	<ul> <li>Orientation Goals</li> </ul>	Manager
	<ul> <li>Housekeeping Items: Breaks, Meals,</li> </ul>	
	Transportation, computers, etc.	
	Individual Introductions	
8:30 a.m.	Forms & Travel Information-	Kuba Grzeda
	<ul> <li>Orientation Travel Policy, Substitute</li> </ul>	Project Assistant,
	Reimbursement	ARCUS
8:45 a.m.	Icebreaker Activity	Judy Fahnestock
	"Getting to Know You"	Project
		Coordinator,
		ARCUS
9:15 a.m.	Group Discussion	Everyone
	What are your expectations and needs?	
	Ground rules for a successful orientation.	
10:00 a.m.	Break	
10:15 a.m.	PolarTREC In-Depth	Janet Warburton
	PolarTREC Program	
	2020-2021 Expedition Overview	
10:45 p.m.	What makes a successful "PolarTREC" experience?	Janet
	<ul> <li>Balancing your outreach, PD, and science</li> </ul>	Warburton
11:15 a.m.	Reflections on the Experience	PolarTREC Alumni
	(panel discussion)	
11:45 a.m.	Questions and Discussions with Alumni	All Participants
12:00 p.m.	Catered Lunch at CU	
TECHNOLOGY	TRAINING - INTRODUCTION	
1:00 p.m.	A Guided Tour of Computers and Technical Resources	Zeb Polly
	<ul> <li>What equipment are you being issued?</li> </ul>	
	<ul> <li>What software will you use?</li> </ul>	

	What's in the dock?	Systems
	What you will learn this week? (Checklist)	Administrator,
		ARCUS
1:30 p.m.	About the Equipment Agreement	Janet Warburton
1:35 p.m.	Hands-On Technology Training	
	Activity: Break into small groups for hands-on computer setup and application review.  Issue PolarTREC equipment Equipment Agreement Computer Use and Setup  Goal: By the end of this activity you're working on checklist tasks 1-3.	
	Group A: Group B: Group C:	
2:00 p.m.	Technology Speak	Ronnie Owens
	E-mail & Webmail	Information
	<ul> <li>Mattermost</li> </ul>	Technology
	BB Edit	Director, ARCUS
	FTP Site	
2:30p.m.	Here's your camera and how it operates (Virtual	Joed Polly
	Presentation):	Video Production
	Camera accessories	& Content
	Camera specs	Manager, ARCUS
	<ul> <li>How to open to access USP port, SD card, and</li> </ul>	
	battery	
	How to operate camera	
3:00 p.m.	BREAK	
TECHNOLOGY TR	AINING – THE WEBSITE	
3:15 p.m.	PolarTREC Website Overview	Ronnie Owens
	Different views	
	<ul> <li>Logging into the website</li> </ul>	
	Options as a logged in user	
	<ul> <li>Personal profiles</li> </ul>	
	<ul> <li>Project/Expedition Pages</li> </ul>	
	Educator's Manual	
	Program Requirements	
3:45 p.m.	Hands-On Technology Training	
	Activity: Log into the PolarTREC website; become familiar page, and check off program requirements. Practice log login with name. Complete tasks 1-13 on checklist. Combunt.	gin in with email &

	Goal: By the end of this activity you have completed and reviewed tasks 1-12 in checklist. You will also have completed task 13 in checklist and completed the scavenger hunt.  Group A: Group B: Group C:	
4:30 p.m.	Closing Discussion	Judy Fahnestock
4:45 p.m.	Adjourn for the Day & Head to Hotel	
5:45 p.m.	Meet in Lobby to Drive to Dinner	
6:00 p.m.	DINNER: Group Dinner (Location TBD)	

#### **HOMEWORK:**

- 1. Using BBEdit, start drafting a short reflective essay (200-300 words) about being selected for PolarTREC and your first day of orientation. **Do not post this as a journal. We will use it Wednesday for journal posting training.**
- 2. Log into the website and check out your portfolio page, expedition page, and explore the Educators Manual.
- 3. Take a couple of photos with your ARCUS camera and play around with the settings.
- 4. Write out your questions regarding logistics and gear for your expedition

#### Participants Please bring:

- Coat, hat, gloves, closed-toe shoes for the tour of NSF-USGS Ice Core Facility
- Water bottle & snack if needed. There is no food provided before lunch.
- Note-taking materials for logistics discussions
- ARCUS and/or personal camera for practice
- Bring your ID Passport or Driver's License for field trip

Tuesday, 17	March 2020 from Hotel and Meeting Room; Field trip day!)	
(7 th day away 1	norm fold and weeting reem, field inplacy.	
8:00 a.m.	Meet in hotel lobby to go Denver	
8:15 a.m.	Plan of the Day (POD) and Introductions of New Participants  Homework review, questions, answers, and clarifications about tech training, logistics questions  Reminder: Balancing your outreach, PD, and science	Janet Warburton
SCIENCE BREAK	(	
9:30 a.m.	Tour of the US Geological Survey Ice Core Facility	NSF-ICF Tour Guide
FIELD LOGISTIC	S AND RESEARCH SUPPORT	
11:00 a.m.	Travel to Antarctic Support Contract (ASC) Facility	
11:30 a.m.	Overview of PolarTREC Logistics Support and Processes	Judy Fahnestock
12:00 p.m.	LUNCH at ASC	
1:00 p.m.	Field Research Support & Logistics  • Polar Field Services (PFS) & US Antarctic Program (USAP/ASC)  • Introduction to Clothing	Rachel Murray, Alaska Science Project Manager, Polar Field Services & Elaine Hood, ASC Communications
1:30 p.m.	Travel: Arctic Folks Depart for Polar Field Services Office	
2:00 p.m.	Arctic/Antarctic-Specific Logistics Break into groups for discussion on field locations and logistics. Address any questions and concerns related to project logistics and preparation.  • Antarctica folks continue logistics at ASC  • Arctic folks travel to Polar Field Services	Rachel Murray & Elaine Hood

office

4:00 p.m.	Closing Discussion	Judy Fahnestock
4:15 p.m.	Adjourn for the Day	
6:00 p.m.	DINNER: Group Dinner (TBD)	

#### **HOMEWORK:**

- Using BBEdit, finish drafting a short reflective essay (200-300 words) about being selected for PolarTREC and your first couple of days at orientation. Do not post this as a journal.
   We will use it Wednesday for journal posting training.
- Login into the website and check off of your requirements on the website.
- View online and materials about posting journals in the Virtual Base Camp.
- Read a few journals from past alumni and think about what you like about them (or don't) and how this would translate to your style of journaling. Be prepared to share these thoughts tomorrow.

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=	r, <b>18 March 2020</b> L 303; University of Colorado)	
7:30 a.m. & 7:40 a.m.	If you plan to walk to the meeting room leave at 7:30 a.m. Meet in lobby at 7:40 a.m. for those who want a ride.	
8:00 a.m.	Plan of the Day (POD) and Introductions of New Participants  • Homework review, questions, answers, and clarifications about tech training, logistics questions	Judy Fahnestock
8:15 a.m.	Alumni Highlight: Professional Goals and Balance     Professional Goal Alignment homework review     Balancing outreach, PD, and science	Sarah Bartholow, Contract,ARCUS & PolarTREC Alumni Mike Penn
8:45 a.m.	Group Activity: Professional Goals of the Experience	All Participants
SCIENCE BREA	K _	
9:00 a.m.	Polar Regions Overview – Arctic and Antarctic	Tasha Snow, Researcher, <u>CIRES</u> Earth Science and Observation Center
10:00 a.m.	Break	
PROGRAM REG	QUIREMENTS, EDUCATION & OUTREACH	
10:15 a.m.	<ul> <li>PolarTREC Program Requirements Overview</li> <li>What are the general requirements?</li> <li>Journaling as a requirement</li> <li>How will they be tracked?</li> <li>What happens when they are completed?</li> </ul>	Janet Warburton
10:30 a.m.	The Evaluation and Your Role	Jen Danielson Goldstream Group Evaluation Team
10:45 a.m.	PolarTREC Education and Outreach Plan     Introduction, Purpose, Components and Examples of Plan     Informal and Formal Educators     Tracking Progress & Deliverables	Sarah Bartholow

11:00 a.m.	<ul> <li>Small Group Activity</li> <li>Circles of Impact: Defining your Audience(s) and Creating a Network</li> </ul>	All Participants
11:45 a.m.	Alumni Highlight: Successful Journaling	John Wood &Katie Gavenus; PolarTREC Alumni
12:00 p.m.	Lunch at CU	
COMMUNICA	TION TRAINING – JOURNALING	
1:00 p.m.	Journaling to Communicate Science and Excitement	Janet Warburton
1:20 p.m.	Taking Your Best Shot – photo and video tips	Bill Schmoker, PolarTREC Alumni
1:40 p.m.	Managing Your Photos  Importing into the Photos application Organizing Exporting to your HIGH-RES folder Exporting to your WEB-READY folder  Your Photos in the Internet Media Archive: Photo ownership and photo usage Overview of the Internet Media Archive Using the Internet Media Archive to find past photos for use How PolarTREC and ARCUS use your photos	Joed Polly
2:00 p.m.	Break	
2:15 p.m.	PolarTREC Website Overview: Journaling     Posting a journal entry through VBC     Inserting photos	Ronnie Owens
2:45 p.m.	Hands-On Technology Training – posting and editing a journal, inserting photos, and photo documentation  Activity 1: Break into small groups. Log into the Virtual Base Camp (VBC) and post the journal entry you wrote on Tuesday night. Use markdown formatting to enhance the text.  Activity 2. Take at least two photos with your digital camera. Load them onto your computer, properly name, and document them. Resize your photos following Web-Ready instructions.  Activity 3: Add 2 photos to the journal entry you posted today.  Goal: By the end of this activity you should be able to check off tasks 14-23.  Group A: Group B:	

	Group C:	
3:30 p.m.	Journaling via Email     Posting a journal entry via email     Emailing photos	Ronnie Owens
3:45 p.m.	Hands-On Technology Training – emailing a journal & emailing photos.	
	<b>Activity 1:</b> Break into small groups. Using same journal and photos from today's activity, follow email instructions for sending journals and photos.	
	Goal: By the end of this activity you should be able to check off task 24.	
	Group A: Group B: Group C:	
4:30 p.m.	Alumni Highlight: Successful Journaling     Journaling remotely and discussion on what you like in journals and what you think is your personal style	Sarah Bartholow &/or Katie Gavenus
4:45 p.m.	Closing Discussion     General Discussion and Questions     Homework Assignment     Reminders for Tomorrow	Janet Warburton
5:00 p.m.	Adjourn for the Day & Head to Hotel	

#### Dinner on your own

#### **HOMEWORK:**

- Post a new journal entry online addressing a topic of your choice with photos.
- If you are interested, take a short video with camera.
- Properly document the photos and multimedia on your spreadsheet.
- Using the Polar Media Archive, find 5 photos and download them to computer so that you use in your future journals.
- Share your expedition page with others and promote your latest journals (email, social network, etc.).
- Check off of your requirements on the website.

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Reminder: Short walking field trip in afternoon – bring a coat, if needed.

	March 2020 L 303; University of Colorado)	
7:30 a.m. & 7:40 a.m.	If you plan to walk to the meeting room leave at 7:30 Meet in lobby at 7:40 a.m. for those who want a ride.	a.m.
8:00 a.m.	Plan of the Day (POD) and Introductions of New Participants  Homework review, questions, answers, and clarifications about tech training, logistics questions  Reminder: Balancing your outreach, PD, and science	Janet Warburton
8:15 a.m.	Technology Check-in Questions and Clarifications on Previous Training	All Participants
8:30 a.m.	Overview of Multimedia Journaling  • Creating Structure and Content (scripts)	Zeb Polly
8:45 a.m.	Videography and Music  Tips for camera, tripod, lighting, audio, framing, and zooming  Using music in your videos  Rule: No Copyrighted Music  Free YouTube music that you can use	Joed Polly
9:00 a.m.	Using Multimedia in Journals  Inserting a video into a journal	Ronnie Owens
9:30 a.m.	Open Training Time This is time for educators to go over everything to date, ask questions, get one-on-one time. Work on homework and/or help others.	
10:00 a.m.	Break	
10:15 a.m.	Technology from the Field: What is Realistic for Me?  • The Realities of Journaling from the Field • Technical Challenges • Strategies for dealing with issues	Janet Warburton

10:45 a.m.	Remote Communication     Review sending journals and photos via email     Asking questions     Answering questions online and via e-mail	Ronnie Owens
10:30 a.m.	Open Training Time  Activity 1: Practice responding & posting comments to journals both through email and on the VBC.  Activity 2: This is time to go over everything to date, ask questions, get one-on-one time. Work on homework and/or help others.  Activity 3: Get a jumpstart on evening homework.	
11:45 a.m.	Alumni Highlight Words of Wisdom  • Feeling Overwhelmed!?!	Amy Osborne, PolarTREC Alumni
12:00 p.m.	Lunch at CU (Short lunch today so we can get to NCAR by 1PM.)	
SCIENCE BREAK		
1:00 p.m.	Field Trip to US National Center for Atmospheric Research Visitor Center and Weather/Nature Trail	
2:15 p.m.	Break	
SCIENCE BREAK		1
2:30 p.m.	Climate Change Science	Mark Serreze and/or Mistia Zuckerman, National Snow and Ice Data Center
3:30 p.m.	Alumni Highlight: Climate Change & Education	Melissa Lau, PolarTREC Alumni & Sarah Bartholow
4:30 p.m.	Closing Discussion	Judy Fahnestock
4:45 p.m.	Adjourn for the Day & Head to Hotel	
5:45 p.m.	Meet in Lobby to Drive to Dinner	
6:00 p.m.	DINNER: Group Dinner (Location TBD)	

#### **HOMEWORK:**

- Review documentation about file management and posting photos and videos in journals.
- Create a new journal about your week and/or edit a previous journal. Include photos from your camera (properly transfer images from your camera to your computer, document photos, and resize to be Web-Ready for your journal); use one of the photos from the Polar Media Archive (<a href="http://media.arcus.org">http://media.arcus.org</a>) and download high-res, resize, and add to your journal and use appropriate credits; and add a resource from the internet (maps, etc.) to include in your journal. This journal can be a draft and not published, if you choose.
- Post a question or comment on someone's journal.

OPTIONAL: If you feel comfortable, make a video journal using the elements (intro, body, end plate). Properly name and document video on multimedia sheet. Upload the video into PolarTREC YouTube channel. If you have a journal ready, you can insert video into journal and embed it.

**Goal:** By the end of this activity you should be able to check off tasks 25 - 33.

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If you have an early evening flight, be sure to check out of your room before you leave for the meeting.

Friday, 20 Ma (All day at SEEL	arch 2020 303; University of Colorado)	
7:30 a.m. & 7:40 a.m.	If you plan to walk to the meeting room leave at 7:30 a Meet in lobby at 7:40 a.m. for those who want a ride.	ı.m.
8:00 a.m.	Plan of the Day (POD) and Introductions of New Participants  Homework review, questions, answers, and clarifications about tech training, logistics questions  Reminder: Balancing your outreach, PD, and science	Judy Fahnestock
8:15 a.m.	Technology Check-in & Review Questions and Clarifications on Previous Training	All Participants
<b>EDUCATION AN</b>	D OUTREACH: In-Depth	
8:45 a.m.	<ul> <li>PolarTREC Education and Outreach Plan</li> <li>Outreach Strategies</li> <li>Tracking &amp; Deliverables</li> <li>Polar Literacy Principles &amp; NGSS</li> </ul>	Sarah Bartholow
9:15 a.m.	Small Group Activity     Linking your expedition to Polar Literacy     Principles and NGSS	All Participants
9:45 a.m.	<ul> <li>#PolarTREC: Using Social Media</li> <li>Introduction, Parameters, &amp; Strategies</li> <li>Journaling vs. Social Media</li> </ul>	Sarah & Janet
10:00 a.m.	Break	
10:15 a.m.	Outreach from the Field: Real-Time PolarConnect Events Presenting and preparing Different delivery systems	Janet & Judy
10:45 a.m.	<ul> <li>Working with your Education &amp; Outreach Plan</li> <li>Group work on plans</li> <li>PR for expeditions</li> <li>Use of social media</li> </ul>	All Participants

	Creating timelines for requirements	
12:00 p.m.	Lunch at CU & Grab Snacks for Afternoon	
	ALL TOGETHER: Next Steps	
1:00 p.m.	You Are Not Alone!  Next Steps Pre/Post Field Calls Partner Educators Travel Assistance Forms Alumni/Mentors	Janet Warburton
1:30 p.m.	<ul> <li>Making a Plan</li> <li>What's YOUR next steps</li> <li>What are your challenges to implement?</li> <li>Additional questions you have</li> </ul>	All Participants
2:00 p.m.	Beyond the First Year:	Janet Warburton & Alumni
2:15 p.m.	Orientation Reflections	All Participants
2:45 p.m.	Closing  • Wrap-Up & Thank-You	Janet Warburton
3:00 p.m.	Complete Online Orientation Evaluation Form & Orientation Checklist	All Participants
3:30 p.m.	Drive participants back to hotel/ other staff take down room.	
Dinner: On Yo	ur Own	