

Draft Abstract Schedule - Date and Times are Subject to Change

Monday, July 11, 2022		
21st Century Physics in the Classroom		
		Speaker Name
8:00 AM to 9:00 AM	11-Jul	Deborah Roudebush
8:00 AM to 9:00 AM	11-Jul	Jospeh Kominski
Art and Science of Teaching/Apparatus @ Home		
		Speaker Name
8:00 AM to 9:00 AM	11-Jul	Rachel Scherr
8:00 AM to 9:00 AM	11-Jul	Katherine Perkins
Apparatus @ Home		
8:00 AM to 9:00 AM	11-Jul	Ilya Beskin
8:00 AM to 9:00 AM	11-Jul	Michael Massa
8:00 AM to 9:00 AM	11-Jul	Melissa Vigil
Assessing and Improving Equity in Physics Learning Environments		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	11-Jul	Sonja Cwik
8:00 AM to 9:00 AM	11-Jul	John Stewart
Challenges Facing Women in Physics (AIP Report), Supporting Faculty and Students in the Era of COVID		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	11-Jul	Anne Marie Porter
8:00 AM to 9:00 AM	11-Jul	Rachel Ivie
Computation and Modeling to Non-science Majors		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	11-Jul	Donald Smith
8:00 AM to 9:00 AM	11-Jul	Aaron Titus
How Curt Hieggelke Contributed to Physics Education		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	11-Jul	William Hogan
8:00 AM to 9:00 AM	11-Jul	Stephen Kanim
8:00 AM to 9:00 AM	11-Jul	Dwain Desbien

8:00 AM to 9:00 AM	11-Jul	David Maloney
Innovations in Teaching Astronomy		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	11-Jul	Ardis Herrold
8:00 AM to 9:00 AM	11-Jul	Archana Dobaria
Training Learning Assistants and Graduate Students to be Effective Lab Assistants		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Josh Rutberg
9:00 AM to 10:00 AM	11-Jul	Emily Alicea-Munoz
Astronomy Paper, PER: Diversity, Equity & Inclusion		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Puneeth A
9:00 AM to 10:00 AM	11-Jul	Rebecca Lindell
9:00 AM to 10:00 AM	11-Jul	Rolex Rao
9:00 AM to 10:00 AM	11-Jul	Jesica Trucks
9:00 AM to 10:00 AM	11-Jul	Fatima Abdurrahman
Being a Student-Ready Physics Course		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Mark Eichenlaub
9:00 AM to 10:00 AM	11-Jul	Raeghan Graessle
9:00 AM to 10:00 AM	11-Jul	Julie Kamenetzky
9:00 AM to 10:00 AM	11-Jul	Sarat Lewsirirat
9:00 AM to 10:00 AM	11-Jul	Benjamin Pollard
9:00 AM to 10:00 AM	11-Jul	Elizabeth Schoene
Best Practices in Educational Technology		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Tatiana Krivosheev
9:00 AM to 10:00 AM	11-Jul	Michele McColgan
9:00 AM to 10:00 AM	11-Jul	Jeff Radtke
9:00 AM to 10:00 AM	11-Jul	Megan Schwartz
9:00 AM to 10:00 AM	11-Jul	Hannu Turunen
9:00 AM to 10:00 AM	11-Jul	YK Vjay
Computation and Modeling to Non-science Majors, PER: Diverse Investigations, PER: Curriculum and Instruction		

Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Anna Klales
9:00 AM to 10:00 AM	11-Jul	Kirtimaan Mohan
9:00 AM to 10:00 AM	11-Jul	Chris Orban
9:00 AM to 10:00 AM	11-Jul	Daniel Weller
9:00 AM to 10:00 AM	11-Jul	Akash Bedi
9:00 AM to 10:00 AM	11-Jul	James DiCaro
PER: Assessment, Grading and Feedback, PER: Curriculum and Instruction		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Jianlan Wang
9:00 AM to 10:00 AM	11-Jul	Nicholas Young
9:00 AM to 10:00 AM	11-Jul	Charlotte Zimmerman
9:00 AM to 10:00 AM	11-Jul	Diane Jammula
9:00 AM to 10:00 AM	11-Jul	Sheehan Ahmed
9:00 AM to 10:00 AM	11-Jul	Parick Makowski
PER: Curriculum and Instruction		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	11-Jul	Karen Cummings
9:00 AM to 10:00 AM	11-Jul	Zachary Felker
9:00 AM to 10:00 AM	11-Jul	John Hansen
9:00 AM to 10:00 AM	11-Jul	Peter Hu
9:00 AM to 10:00 AM	11-Jul	Tunde Kushimo
21st Century Physics in the Classroom		
9:00 AM to 10:00 AM	11-Jul	Jim Freericks
9:00 AM to 10:00 AM	11-Jul	Thomas Gibbons
9:00 AM to 10:00 AM	11-Jul	Steward Jensen
Diversifying Through Connections at TYCs, Diversity, Equity, and Inclusion in K-12		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Thomas Carter
10:00 AM to 11:00 AM	11-Jul	Raymond Fermo
10:00 AM to 11:00 AM	11-Jul	Anne Leak
10:00 AM to 11:00 AM	11-Jul	Jennifer Snyder
10:00 AM to 11:00 AM	11-Jul	Philomena Agu

10:00 AM to 11:00 AM	11-Jul	Tra Huynh
Diversity, Equity, and Inclusion in K-12		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Benjamin Archibeque
10:00 AM to 11:00 AM	11-Jul	Richard Gelderman
10:00 AM to 11:00 AM	11-Jul	Brianne Gutmann
10:00 AM to 11:00 AM	11-Jul	Elena Lyubimenko
10:00 AM to 11:00 AM	11-Jul	Liam McDermott
10:00 AM to 11:00 AM	11-Jul	Brean Prefontaine
Effective Practices in Educational Technology: Educational technology as a double-edged sword, Inclusive Science, Communication, Introductory		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Jessica Bickel
10:00 AM to 11:00 AM	11-Jul	Jeovanny Marticion
10:00 AM to 11:00 AM	11-Jul	Geoff Nunes
10:00 AM to 11:00 AM	11-Jul	Mohammad Alshahrani
10:00 AM to 11:00 AM	11-Jul	David Argudo
10:00 AM to 11:00 AM	11-Jul	Nathan Powers
Quantum Education at the Q-12 Level, Quantum in the High School Classroom		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Emily Edwards
10:00 AM to 11:00 AM	11-Jul	Solmaz Khodaeifaal
10:00 AM to 11:00 AM	11-Jul	W. Brian Lane
10:00 AM to 11:00 AM	11-Jul	Zac Patterson
High Altitude Ballooning, High School		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Erick Agrimson
10:00 AM to 11:00 AM	11-Jul	Cherie Bomhorst
10:00 AM to 11:00 AM	11-Jul	Zara Haider
10:00 AM to 11:00 AM	11-Jul	Marta Stoeckel-Rogers
10:00 AM to 11:00 AM	11-Jul	James Kemohan
Diversity, Equity, and Inclusion: Theoretical Frameworks and Methodologies		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	11-Jul	Melissa Dancy

10:00 AM to 11:00 AM	11-Jul	Daniel Oleynik
10:00 AM to 11:00 AM	11-Jul	Madison Swirtz
10:00 AM to 11:00 AM	11-Jul	Stephanie Williams
10:00 AM to 11:00 AM	11-Jul	Laura Wood
PER: Student Content Understanding, Problem-Solving and Reasoning		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	John Byrd
1:00 PM to 2:00 PM	11-Jul	Rebeckah Fussell
1:00 PM to 2:00 PM	11-Jul	Andrew Heckler
1:00 PM to 2:00 PM	11-Jul	Dona Hewagellage
1:00 PM to 2:00 PM	11-Jul	Paul Justice
1:00 PM to 2:00 PM	11-Jul	John Kelly
PER: Student Content Understanding, Problem-Solving and Reasoning		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	Michael Kline
1:00 PM to 2:00 PM	11-Jul	Mila Kryjevskaja
1:00 PM to 2:00 PM	11-Jul	Kin Yi Promail Leung
1:00 PM to 2:00 PM	11-Jul	Alexandru Maries
1:00 PM to 2:00 PM	11-Jul	David Meltzer
1:00 PM to 2:00 PM	11-Jul	Harish Moni Prakash
PER: Student Content Understanding, Problem-Solving and Reasoning		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	Anna Phillips
1:00 PM to 2:00 PM	11-Jul	Anthony Pina
1:00 PM to 2:00 PM	11-Jul	William Riihiluoma
1:00 PM to 2:00 PM	11-Jul	Fatema Salmani
1:00 PM to 2:00 PM	11-Jul	Christian Solorio
1:00 PM to 2:00 PM	11-Jul	Emily Sowles
PER: Student Content Understanding, Problem-Solving and Reasoning		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	John Speirs
1:00 PM to 2:00 PM	11-Jul	MacKenzie Stetzer
1:00 PM to 2:00 PM	11-Jul	Gay Stewart

1:00 PM to 2:00 PM	11-Jul	Emily Stump
1:00 PM to 2:00 PM	11-Jul	Ana Susac
1:00 PM to 2:00 PM	11-Jul	Zeynep Topdemir
PER: Student Content Understanding, Problem-Solving and Reasoning		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	Michael Verostek
1:00 PM to 2:00 PM	11-Jul	Muxin Zhang
1:00 PM to 2:00 PM	11-Jul	Raymond Zich
1:00 PM to 2:00 PM	11-Jul	Tianlong Zu
1:00 PM to 2:00 PM	11-Jul	Igor Zubov
Physics Education Research in the K-12 Classroom, Physics Majors: High School to Doctorate		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	Terrie Galanti
1:00 PM to 2:00 PM	11-Jul	Paul Hosmer
1:00 PM to 2:00 PM	11-Jul	John Stewart
1:00 PM to 2:00 PM	11-Jul	Andrew Zeidell
Upper Division Undergraduate		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	11-Jul	Frederick Becchetti
1:00 PM to 2:00 PM	11-Jul	Nate Crossette
1:00 PM to 2:00 PM	11-Jul	Jarrett Lancaster
1:00 PM to 2:00 PM	11-Jul	Patrick Moylan
1:00 PM to 2:00 PM	11-Jul	Ryan Sayer
Tuesday, July 12, 2022		
21st Century Physics in the Classroom		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Joseph Kozminski
8:00 AM to 9:00 AM	12-Jul	James Moore
8:00 AM to 9:00 AM	12-Jul	Margret Norris
8:00 AM to 9:00 AM	12-Jul	Spencer Perry
Art and Science of Teaching		
Time	Date	Speaker Name

8:00 AM to 9:00 AM	12-Jul	Mario Belloni
8:00 AM to 9:00 AM	12-Jul	Kathrine Perkins
Assessing and Improving Equity in Physics Learning Environments		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Yangqiuting Li
8:00 AM to 9:00 AM	12-Jul	Arlisa Richardson
Diversifying Through Connections at TYCs		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Susan White
8:00 AM to 9:00 AM	12-Jul	Glenda Denicolo
High Altitude Ballooning		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Angela Des Jardins
8:00 AM to 9:00 AM	12-Jul	James Flaten
Methods of Remediation in the Intro Physics Classroom		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Allison Daubert
8:00 AM to 9:00 AM	12-Jul	Danielle Bugge
Michigan State Physics Research		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	12-Jul	Zachary Constan
8:00 AM to 9:00 AM	12-Jul	Stuart Tessmer
Sports meets Physics		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Andre Bresges
9:00 AM to 10:00 AM	12-Jul	Sascha Therolf
Strategies for Teacher Recruitment:		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Steven Maier
9:00 AM to 10:00 AM	12-Jul	Jon Anderson
9:00 AM to 10:00 AM	12-Jul	Stephanie Chasteen
9:00 AM to 10:00 AM	12-Jul	Alan Richards
Being a Student-Ready Physics Course, PER: Assessment, Grading and Feedback		

Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Jonathan Perry
9:00 AM to 10:00 AM	12-Jul	Rachel White
9:00 AM to 10:00 AM	12-Jul	Chuck Winrich
9:00 AM to 10:00 AM	12-Jul	Shihong Ma
9:00 AM to 10:00 AM	12-Jul	Alexandru Maries
9:00 AM to 10:00 AM	12-Jul	Paige Pressler
Best Practices in Educational Technology		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Calvin Berggren
9:00 AM to 10:00 AM	12-Jul	Jared Canright
9:00 AM to 10:00 AM	12-Jul	Duncan Carlsmith
9:00 AM to 10:00 AM	12-Jul	Collelen Countryman
9:00 AM to 10:00 AM	12-Jul	Andrew Duffy
9:00 AM to 10:00 AM	12-Jul	Kathleen Koenig
Building a Quantum Information Science and Engineering Curriculum for a Diverse Community of Learners		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Michael Bennett
9:00 AM to 10:00 AM	12-Jul	Victoria Borish
9:00 AM to 10:00 AM	12-Jul	Christopher Porter
9:00 AM to 10:00 AM	12-Jul	Benjamin Zwickl
PER: Assessment, Grading and Feedback		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Jennifer Campbell
9:00 AM to 10:00 AM	12-Jul	Matthew Fairbanks
9:00 AM to 10:00 AM	12-Jul	Devyn Shafer
9:00 AM to 10:00 AM	12-Jul	Daniela Girotti-Hemandez
9:00 AM to 10:00 AM	12-Jul	Dena Izadi
9:00 AM to 10:00 AM	12-Jul	James Laverty
Training Learning Assistants and Graduate Students to be Effective Lab Assistants, PER: Student and Instructor Support & Professional		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	12-Jul	Gregory Carroll
9:00 AM to 10:00 AM	12-Jul	Stephen Lane

9:00 AM to 10:00 AM	12-Jul	Jonathan Mumford
9:00 AM to 10:00 AM	12-Jul	Tim Stelzer
9:00 AM to 10:00 AM	12-Jul	Hamideh Talafian
9:00 AM to 10:00 AM	12-Jul	Maggie Mahmood
PICUP Capstone Conference Report		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Todd Zimmerman
10:00 AM to 11:00 AM	12-Jul	Alexis Knaub
Pulsars and Radio Astronomy, Supporting Physics Teaching with a Planetarium		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Michael Lam
10:00 AM to 11:00 AM	12-Jul	Natalia Lewandowska
Diversity, Equity, and Inclusion in K-12		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Xandria Quichocho
10:00 AM to 11:00 AM	12-Jul	Naomi Satoh
10:00 AM to 11:00 AM	12-Jul	Brokk Toggerson
10:00 AM to 11:00 AM	12-Jul	Brian Zamarripa Roman
10:00 AM to 11:00 AM	12-Jul	Yi Zhu
10:00 AM to 11:00 AM	12-Jul	Jacquelyn Chini
Quantum Education at the Q-12 Level, Quantum in the High School Classroom		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Emily Edwards
10:00 AM to 11:00 AM	12-Jul	Solmaz Khodaeifaal
10:00 AM to 11:00 AM	12-Jul	W. Brian Lane
10:00 AM to 11:00 AM	12-Jul	Zac Patterson
Implementing Get the Facts Out Resources Locally & Regionally, Teacher Training/Enhancement		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Wendy Adams
10:00 AM to 11:00 AM	12-Jul	Marianna Ruggerio
10:00 AM to 11:00 AM	12-Jul	David May
Methods of Remediation in the Intro Physics Classroom, Being a Student-Ready Physics Course		
Time	Date	Speaker Name

10:00 AM to 11:00 AM	12-Jul	Jade Pinherio
10:00 AM to 11:00 AM	12-Jul	Elizabeth Schoene
10:00 AM to 11:00 AM	12-Jul	Amritpal Nafria
Open Source Physics		
Time	Date	Speaker Name
10:00 AM to 11:00 AM	12-Jul	Lyle Barbato
10:00 AM to 11:00 AM	12-Jul	Anne Cox
10:00 AM to 11:00 AM	12-Jul	Francisco Esquembre
10:00 AM to 11:00 AM	12-Jul	Michael Gallis
Introductory Courses		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Jon Gaffney
1:00 PM to 2:00 PM	12-Jul	Justin Gambrell
1:00 PM to 2:00 PM	12-Jul	Melanie Good
1:00 PM to 2:00 PM	12-Jul	Ting-Hui Lee
1:00 PM to 2:00 PM	12-Jul	Paul Miller
1:00 PM to 2:00 PM	12-Jul	Peter Nelson
Other Papers		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Rahul Chhabra
1:00 PM to 2:00 PM	12-Jul	Brad Conrad
1:00 PM to 2:00 PM	12-Jul	Amritpal Nafria
1:00 PM to 2:00 PM	12-Jul	Kayla Stephens
1:00 PM to 2:00 PM	12-Jul	Tom Zhang
Upper Division/Graduate Courses, Diversity, Equity, and Inclusion: Theoretical Frameworks and Methodologies		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Christopher Porter
1:00 PM to 2:00 PM	12-Jul	Brandon Johnson
1:00 PM to 2:00 PM	12-Jul	Benjamin Petkie
1:00 PM to 2:00 PM	12-Jul	Stephanie Williams
Using Desmos, Projects, in the Physics Classroom		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Marta Stoeckel-Rogers

1:00 PM to 2:00 PM	12-Jul	Aaron Titus
1:00 PM to 2:00 PM	12-Jul	Jan Tobochnik
Chaotic Laboratories and Apparatus		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Craig Wiegert
1:00 PM to 2:00 PM	12-Jul	Joshua Quails
Supporting Physics Teaching with a Planetarium		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Nicole Gugliucci
1:00 PM to 2:00 PM	12-Jul	Carl Schmiedekamp
1:00 PM to 2:00 PM	12-Jul	Richard Geldeman
Outreach through Social Media		
Time	Date	Speaker Name
1:00 PM to 2:00 PM	12-Jul	Nora Bailey
1:00 PM to 2:00 PM	12-Jul	Andrew Morrison
Wednesday, July 13, 2022		
21st Century Physics in the Classroom, Technologies		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Deborah Roudebush
8:00 AM to 9:00 AM	13-Jul	Papa Traore
8:00 AM to 9:00 AM	13-Jul	Matthew Vonk
8:00 AM to 9:00 AM	13-Jul	Tonia Williams
8:00 AM to 9:00 AM	13-Jul	Lejla Jelovica
8:00 AM to 9:00 AM	13-Jul	Brian Woodahl
High Altitude Ballooning, Michigan State Physics Research		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Randal Larimer
8:00 AM to 9:00 AM	13-Jul	Lillianna Mack
Best Practices in Educational Technology, Building a Bridge from Intro to the Major		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Ponnampalam Vijayakumaran
8:00 AM to 9:00 AM	13-Jul	Roland Woodward

8:00 AM to 9:00 AM	13-Jul	Sarah Zoechling
8:00 AM to 9:00 AM	13-Jul	Lalitasri Nandivada
8:00 AM to 9:00 AM	13-Jul	Randall Tagg
Innovations in Teaching Astronomy, PER: Diversity, Equity & Inclusion		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Christine Hirst Bernhardt
8:00 AM to 9:00 AM	13-Jul	Kevin Lee
8:00 AM to 9:00 AM	13-Jul	Shannon Willoughby
8:00 AM to 9:00 AM	13-Jul	Liasbeth Santana
8:00 AM to 9:00 AM	13-Jul	Meagan Sundstrommas899@cornell.edu
8:00 AM to 9:00 AM	13-Jul	Miguel Rodriquez
Sports Meets Physics, Short Course Experiences: The Good, the Bad, and the Ugly		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Paul Ashcraft
8:00 AM to 9:00 AM	13-Jul	Nancy Beverly
8:00 AM to 9:00 AM	13-Jul	Melissa Vigil
8:00 AM to 9:00 AM	13-Jul	Keith Zengel
8:00 AM to 9:00 AM	13-Jul	Beverly Cannon
8:00 AM to 9:00 AM	13-Jul	Tyler Scott
Smart Phone-Based Labs		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Timothy Atherton
8:00 AM to 9:00 AM	13-Jul	Andrew Gavrin
8:00 AM to 9:00 AM	13-Jul	Martin Monteiro
8:00 AM to 9:00 AM	13-Jul	Giovanni Ossola
8:00 AM to 9:00 AM	13-Jul	David Rakestraw
Supporting Faculty and Students in the Era of COVID		
Time	Date	Speaker Name
8:00 AM to 9:00 AM	13-Jul	Kristine Lui
8:00 AM to 9:00 AM	13-Jul	Courtney Walsh
PER: Diversity, Equity & Inclusion, PER: Interdisciplinary Studies, PER: Student and Instructor Support & Professional Development, Program and		
Time	Date	Speaker Name

9:00 AM to 10:00 AM	13-Jul	Jayson Nissen
9:00 AM to 10:00 AM	13-Jul	Lindsay Owens
9:00 AM to 10:00 AM	13-Jul	Julia Willison
9:00 AM to 10:00 AM	13-Jul	Elias Euler
9:00 AM to 10:00 AM	13-Jul	Arbin Thapaliya
9:00 AM to 10:00 AM	13-Jul	Mona Peyravi
PER: Student and Instructor Support & Professional Development, Program and Institutional Change		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	13-Jul	Anne Alesandrini
9:00 AM to 10:00 AM	13-Jul	Katherine Ansell
9:00 AM to 10:00 AM	13-Jul	Bill Bridges
9:00 AM to 10:00 AM	13-Jul	Tyler Garcia
9:00 AM to 10:00 AM	13-Jul	Rob Dalka
9:00 AM to 10:00 AM	13-Jul	Constance Doty
Physics Teaching Around The World		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	13-Jul	Olga Castiblanco Abril
9:00 AM to 10:00 AM	13-Jul	Sangwoo Ha
9:00 AM to 10:00 AM	13-Jul	Richard Hechter
9:00 AM to 10:00 AM	13-Jul	Dean Stocker
9:00 AM to 10:00 AM	13-Jul	Juan Yang
PER: Assessment, Grading and Feedback		
Time	Date	Speaker Name
9:00 AM to 10:00 AM	13-Jul	Brianna Santangelo
9:00 AM to 10:00 AM	13-Jul	Ivy Shaw
9:00 AM to 10:00 AM	13-Jul	Amogh Sirnoorkar
9:00 AM to 10:00 AM	13-Jul	Trevor Smith
9:00 AM to 10:00 AM	13-Jul	Beth Thacker
9:00 AM to 10:00 AM	13-Jul	Michael Vignal
PER: Curriculum and Instruction		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Safana Ismael
11:00 AM to 11:00 AM	13-Jul	Sarah McKagan

11:00 AM to 11:00 AM	13-Jul	Anna Mederer
11:00 AM to 11:00 AM	13-Jul	Binod Nainabasti
11:00 AM to 11:00 AM	13-Jul	Joe Olsen
11:00 AM to 11:00 AM	13-Jul	Alexis Oisho
PER: Curriculum and Instruction, PER: Diverse Investigations		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Alexandra Werth
11:00 AM to 11:00 AM	13-Jul	Scott Yarbrough
11:00 AM to 11:00 AM	13-Jul	Camila Amaral
11:00 AM to 11:00 AM	13-Jul	Frank Dachille
11:00 AM to 11:00 AM	13-Jul	Rachel Henderson
11:00 AM to 11:00 AM	13-Jul	Brant Hinrichs
Integrating climate, energy, sustainability in the classroom and beyond, Introductory Courses		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Jessica Hernandez
11:00 AM to 11:00 AM	13-Jul	Frank Lock
11:00 AM to 11:00 AM	13-Jul	Magdalean Micoloi
11:00 AM to 11:00 AM	13-Jul	Bijaya Aryal
11:00 AM to 11:00 AM	13-Jul	D. Baker
11:00 AM to 11:00 AM	13-Jul	Paul Bergeron
Introductory Courses, Introductory Labs/Apparatus		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Dean Richardson
11:00 AM to 11:00 AM	13-Jul	Andy Rundquist
11:00 AM to 11:00 AM	13-Jul	Gay Stewart
11:00 AM to 11:00 AM	13-Jul	Mary Brewer
11:00 AM to 11:00 AM	13-Jul	Joseph LaVigne
11:00 AM to 11:00 AM	13-Jul	Heather Lewandowski
Introductory Courses, Introductory Labs/Apparatus		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Andrew Pawl
11:00 AM to 11:00 AM	13-Jul	Nathan Powers
11:00 AM to 11:00 AM	13-Jul	Kavindya Senanayakekaviksena@gmail.com

11:00 AM to 11:00 AM	13-Jul	Gabriel Spalding
11:00 AM to 11:00 AM	13-Jul	Eugene Torigoe
11:00 AM to 11:00 AM	13-Jul	Heather Yu
Teaching & Supporting Future Teachers Using Next Gen PET		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Ed Price
11:00 AM to 11:00 AM	13-Jul	Nicole Gugliucci
PER: Student and Instructor Support & Professional Development, Program and Institutional Change		
Time	Date	Speaker Name
11:00 AM to 11:00 AM	13-Jul	Shams El-Adawy
11:00 AM to 11:00 AM	13-Jul	Michael Fox
11:00 AM to 11:00 AM	13-Jul	Christopher Hass
11:00 AM to 11:00 AM	13-Jul	Charles Henderson
11:00 AM to 11:00 AM	13-Jul	Mike Hull
11:00 AM to 11:00 AM	13-Jul	Hein Khong
PER: Student and Instructor Support & Professional Development, Program and Institutional Change		
	Date	Speaker Name
1:00 PM to 2:00 PM	13-Jul	Jillian Mellen
1:00 PM to 2:00 PM	13-Jul	Diana Sachmpazidi
1:00 PM to 2:00 PM	13-Jul	Daniel Sharkey
1:00 PM to 2:00 PM	13-Jul	Xian Wu
1:00 PM to 2:00 PM	13-Jul	Dina Zohrabi Alae
PER: Student Content Understanding, Problem-Solving and Reasoning		
	Date	Speaker Name
1:00 PM to 2:00 PM	13-Jul	Abolaji Akinyemi
1:00 PM to 2:00 PM	13-Jul	Austin Anderson
1:00 PM to 2:00 PM	13-Jul	Theodore Bott
1:00 PM to 2:00 PM	13-Jul	Drew Rosen
1:00 PM to 2:00 PM	13-Jul	Andrew Boudreaux
1:00 PM to 2:00 PM	13-Jul	Mary Brundage