Society of Independent Professional Earth Scientists

SIPES 55th Annual Meeting & 2018 Convention

The Independent’s Niche: Survive & Thrive

June 11-14, 2018

Santa Fe, New Mexico

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### SIPES 2018 Convention at a Glance

#### Monday - June 11
- **8:00-9:45 a.m.** SIPES Foundation BOD Meeting & Continental Breakfast
- **8:30 a.m.-5:00 p.m.** Registration
- **10:00 a.m.-2:00 p.m.** SIPES BOD Meeting
- **10:00 a.m.-12:00 p.m.** Chapter Chairmen’s Meeting
- **12:00-1:00 p.m.** Lunch for Board of Directors, Chapter Chairmen, & Past Presidents
- **2:00-5:00 p.m.** SIPES Foundation Seminar
- **6:00-7:30 p.m.** Icebreaker
- **8:00-11:00 p.m.** Astronomy Adventures Tour

#### Tuesday - June 12
- **8:20 a.m.-12:00 Noon** Technical Sessions
- **8:30 a.m.-4:30 p.m.** Registration
- **10:00 a.m.-12:00 p.m.** SIPES Technical Sessions
- **12:00-1:15 p.m.** All-Convention Luncheon & Annual Business Meeting
- **1:30-5:00 p.m.** Technical Sessions
- **2:00-5:00 p.m.** Restaurant Walking Tour
- **6:30-9:00 p.m.** SIPES Awards Banquet

#### Wednesday - June 13
- **8:25 a.m.-12:00 Noon** Technical Sessions
- **8:30 a.m.-12:00 Noon** Registration
- **9:00-11:00 a.m.** Botanical Garden Tour
- **10:00 a.m.-12:00 Noon** SIPES Discovery Room
- **1:30-2:30 p.m.** Ethics Course
- **2:00-5:00 p.m.** Historic Downtown Walking Tour
- **6:30-9:00 p.m.** Cornerstone Group Reception (by invitation only)

#### Thursday - June 14
- **8:00 a.m.-5:00 p.m.** Post-Convention Field Trip to the Jemez Mountains — led by Kirt Kempter

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Welcome Letter

Santa Fe, New Mexico!! – Plan Now to Attend!

On behalf of the SIPES Dallas and Fort Worth chapters and the National Board of Directors, we are excited to invite you to Santa Fe, New Mexico, for the SIPES 55th Annual Meeting and 2018 Convention. The meeting headquarters is the historic, recently renovated La Fonda on the Plaza. Located on the original town plaza, La Fonda amenities include a 24-hour business center, concierge services, a fitness center with steam rooms, spa, on-site car rental and parking, and nightly turndown service. The hotel is in close proximity to numerous boutiques, art galleries, shops, and restaurants.

Our meeting theme is “The Independent’s Niche: Survive and Thrive,” and the technical program will be in three segments: Resources of New Mexico, Exploration Tools for the Independent and Field Histories. Confirmed speakers and topics are listed on page 25.

The SIPES Foundation Seminar will feature a panel of three distinguished Santa Fe historians and educators: Eric Blinman, Hilario Romero and Joy Poole will discuss aspects of the three thousand years of area history, settlement and culture, including the fascinating story of the Santa Fe Trail. In addition to the Icebreaker, several tours and excursions will be offered, including a special excursion to view the “dark sky” of the area through a large reflecting telescope. Other opportunities for members, spouses and families are listed on pages 29-31.

This year the Awards Banquet will honor our outstanding service award recipient, Art Pansze. The featured special guest speaker will be renowned author and Santa Fe resident, Hampton Sides, who will speak on his extensive experience with the history of the Southwest. You won’t want to miss the opportunity to celebrate our award recipient and to hear an engaging talk. More details are on page 27.

Continuing an event that was first held at last year’s convention, SIPES will again offer the Discovery Room for registered convention attendees. Members will be able to show their prospects in a presentation format, as well as a private setting, to SIPES convention attendees. Registered non-members are eligible to enter the area for viewing and follow-up meetings. Please see page 9 for more information.

Finally, a superb post-convention geological field trip will be held on Thursday to the Jemez Mountains, led by Dr. Kirt Kempter, a geologist with the New Mexico STATEMAP Program. This will be a good trip for anyone interested in the geologic forces that have shaped the northern New Mexico landscape. Dr. Kempter has acquired a broad perspective on global geology that he conveys through teaching. See page 35 for trip details.

There is something for everyone at our 2018 SIPES Convention. Bring your family and enjoy the magnificent beauty of Santa Fe!

Don’t forget to register early and save on all fees!

Don Muth, Co-Chairman
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Bob Leibrock, Co-Chairman
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Dawn S. Bissell
Geoscientist

Advent Geoscience Consulting, LLC
Corpus Christi, Texas

Phone: 361-960-2151
Email: bissell@swbell.net

PAGE 6 SIPES 2018 CONVENTION
The SIPES 2018 Headquarters Hotel will be the four-Diamond La Fonda on the Plaza, situated on the historic Santa Fe Plaza.

Amenities include a pool, fitness center with steam rooms, gift shop, lounge featuring live entertainment, nightly turndown service, and complimentary WiFi service.

**SIPES Group Rate** — $199 plus tax per night for single or double occupancy. If space is available, SIPES Convention attendees can reserve rooms at this reduced rate three days prior to and three days after the SIPES Meeting dates.

Check-in time is 3:00 pm. Check-out time is 12:00 noon.

**Reservation Deadline Date** — This rate will be in effect until Thursday, May 10, 2018 (12:00 noon Mountain Standard Time).

**Reservations** — A credit card deposit is necessary to guarantee the reservation. Individual reservations should be made by calling La Fonda’s Reservations Department at 800-523-5002, choosing option 1, and mentioning that you are with the SIPES Group. Call between the hours of: Monday-Friday (7 am-8 pm), Saturday (8 am-5 pm), and Sunday (9 am-5 pm).

To help SIPES meet hotel reservation requirements, please register for the meeting by May 1 to maintain a reservation in the SIPES group block at the La Fonda. After May 1, hotel reservations without a convention registration could be moved out of the SIPES block if necessary, into a regular rate room, which is substantially more expensive. Thank you for helping to make this meeting a success!

**Parking** — The charge for parking a vehicle in the Hotel’s garage is currently for $20 per day, but is subject to change.

**Air Service** — The Santa Fe Municipal Airport (SAF) is served by American Eagle.

The Albuquerque International Sunport (ABQ) is served by American, Delta, Frontier, Southwest, and United Airlines. Albuquerque is approximately an hour’s drive from Santa Fe.

**Shuttle** — The Sandia Shuttle Express provides transportation from the Albuquerque Sunport to Santa Fe. The cost at the time of publication is $33 plus tax per person each way. Trip time is approximately 75 minutes and departures are hourly. Reservations are required to guarantee seating. See www.sandiashuttle.com or call 888-775-5696 for additional information about schedules and rates.
SIPES Discovery Room Registration

- Member Name & Number: _____________________________________________________________
- Contact Info: Email: ____________________________ Cell: ____________________________
- Mailing Address: __________________________________________________________________
- Prospect Information: State, Basin, Type (conventional, enhanced recovery, recompletion, shale, etc.), Depth, op/no-op – You may register as many prospects as you like. ____________________________________________

If you have a prospect or deal that you would like to present, please contact Doug McGinness at (316) 269-9052 or send the above information to dmcginness@cmxoil-gas.com before May 15, 2018, to reserve your spot.
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Monday, June 11

8:00-9:45 a.m. ................. SIPES Foundation BOD Meeting ............... Santa Fe Room & Continental Breakfast
8:30 a.m.-5:00 p.m. ............ Registration ........................................ Portal
10:00 a.m.-2:00 p.m. .......... SIPES BOD Meeting ............................. Stiha Room
10:00 a.m.-12:00 Noon .......... Chapter Chairmen's Meeting ................. Exchange Room
10:00 a.m.-12:00 Noon .......... SIPES Presidents' Council Meeting .......... Ballen Boardroom
12:00-1:00 p.m. ................ Lunch for Board of Directors, .............. La Terraza Chapter Chairmen, and Past Presidents
2:00-5:00 p.m. .................. SIPES Foundation Seminar ....................... New Mexico Room
6:00-7:30 p.m. .................. Icebreaker (Registered Attendees Only!) .... La Terraza
8:00-11:00 p.m. ............... Astronomy Adventures Tour

Tuesday, June 12

8:20 a.m.-12:00 Noon .......... Technical Sessions ......................... New Mexico Room
8:30 a.m.-4:30 p.m. ............ Registration ........................................ Portal
9:00 a.m.-4:00 p.m. ............ Hospitality Suite ............................... Santa Fe Room
10:00 a.m.-12:00 p.m. .......... Canyon Road Walking Tour
12:00-1:15 p.m. ................ All-Convention Luncheon ................. La Terraza & Business Meeting
1:30-5:00 p.m. .................. Technical Sessions .......................... New Mexico Room
2:00-5:00 p.m. .................. Restaurant Walking Tour
6:30-9:00 p.m. .................. SIPES Awards Banquet ....................... La Terraza

Please note: The SIPES Registration Desk will close at 5:00 p.m. on Monday. If you are arriving at the hotel after that time, please advise the SIPES office before Friday, June 8, 2018. Your registration materials can be left with the hotel check-in desk.
Wednesday, June 13

8:25 a.m.-12:00 Noon ........................................ Technical Sessions .............................................. New Mexico Room
8:30 a.m.-12:00 Noon ........................................ Registration .......................................................... Portal
9:00-11:00 a.m. .................................................... Botanical Garden Tour
10:00 a.m.-12:00 Noon ..................................... SIPES Discovery Room ........................................ Santa Fe Room
1:00-4:00 p.m. .................................................... Hospitality Suite .................................................. Santa Fe Room
1:30-2:30 p.m. .................................................... Ethics Course by David Abbott ............................ New Mexico Room
1:30-5:00 p.m. .................................................... Restaurant Walking Tour
2:00-5:00 p.m. .................................................... Historic Downtown Walking Tour
6:30-9:00 p.m. .................................................... Cornerstone Group Reception
(by invitation only)

Thursday, June 14

8:00 a.m.-5:00 p.m. ........................................... Post-Convention Field Trip to the Jemez Mountains
led by Kirt Kempter
Monday, June 11 — 2:00-5:00 p.m.

Members: $65 ($90 after 5/10/18) • Non-Members: $75 ($100 after 5/10/18) • Spouses/Guests: $35 ($60 after 5/10/18)

**A Thousand Years of New Mexico History:**
*Foundations of the Rich Multicultural Landscape*

by Eric Blinman, Ph.D.
Director, Office of Archaeological Studies
State of New Mexico — Department of Cultural Affairs

**Three Thousand Years of History, Settlement and Culture in the Greater Santa Fe Area**

by Hilario Romero, Ph.D.
Retired Professor of History, Spanish and Education
and former New Mexico State Historian

**History of the Santa Fe Trail**

by Joy Poole
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Entrance to Meeting Events

Entrance to all SIPES Convention events and tours will be by convention name badge. All attendees must be registered in order to attend the icebreaker on Monday evening.

**SIPES Member, Associated Member and Non-Member Registration** includes the following items:
- Icebreaker
- Technical Sessions on Tuesday & Wednesday
- All-Convention Luncheon on Tuesday
- SIPES Ethics Course on Wednesday
- SIPES Discovery Room
- Ability to register for all optional tours and events
- Access to priority registration for the Thursday Post-Convention Field Trip

**Spouse/Guest Registration** includes the following:
- Icebreaker
- Hospitality Suite with light refreshments
- Ability to register for all optional tours and events
- Access to priority registration for the Thursday Post-Convention Field Trip

Extra fees are required for the SIPES Foundation Seminar, all optional tours and events, SIPES Awards Banquet, and the Post-Convention Field Trip. Fees for all events increase after May 10, 2018. You may register for all tours and events in advance. Some events may still be available to purchase at a higher rate onsite through the registration desk.

Non-registered spouses and guests may not attend the convention icebreaker or register for optional tours and events. After May 10, if space is available, non-registered spouses and guests may register for the Thursday Post-Convention Field Trip at the higher rate.

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**Icebreaker**

Monday, June 11 — 6:00-7:30 p.m.

Meet with friends and colleagues while enjoying outstanding hors d’oeuvres and drinks at the 2018 Convention Icebreaker. Each registrant will receive two complimentary drink tickets. A cash bar will also be available. **Convention registration is required to attend.**

**All-Convention Luncheon & Annual Business Meeting**

Tuesday, June 12 — 12:00-1:15 p.m.

*Building on Successes and Failures — The Life of an Independent*

by Patrick A. Nye, #3105

NYE Exploration & Production, LLC

Corpus Christi, Texas

My grandfather was an attorney, poet and philosopher. One of his most memorable quotes was that “Opportunity comes to those who are trained to receive it!” (J. Sidney Nye). How true this statement resonated during my life as an independent oilman especially when you consider how many different hats we wear! Having been blessed by being involved in over 200 wells during my career, there are highs and lows that only the wife of an independent could accurately describe. I will always remember my first well — a dry hole, located between a well-mapped field and a downdip show well — but the last three wells we drilled appear to be successes. Learning from each event leads to probabilities of successful outcomes in the future. However, sometimes it takes significant events — life-changing events that change one’s course to navigate in new directions.

Career Highlights –

(1) Eagle Ford, Austin Chalk, Wilcox, Yegua, Hockley, Vicksburg, Fri, and Miocene.
(2) Peñascal Wind Farm – South Texas and Tres Mesas Wind Farm, Tamaulipas, Mexico.
(3) Catching all nine billfish species.

**Patrick Nye** has more than thirty-five years of experience in oil and gas exploration and development, and more than fifteen years in the renewable energy business. He formed Nye Exploration & Production and Nye Renewables...
where he continues to prospect and invest in both businesses.

Patrick holds a Bachelor’s degree in zoology with a minor in chemistry from Texas Tech University where he played collegiate tennis. He earned his Bachelor of Science degree in geology from Texas A&M Kingsville. Patrick has served as chairman on numerous committees with the Corpus Christi Geological Society, CCGS Scholarship Committee, and on boards with local log libraries. He is a member of AAPG, South Texas Geological Society, and Coastal Bend Geophysical Society, and is certified by the Board of Professional Geoscientists. Patrick is a past chairman of the SIPES Corpus Christi Chapter; he has also served as SIPES Foundation President and as a SIPES National Director. Currently, he is serving as SIPES National President. Patrick was chairman for the SIPES National Convention held in Vail in 2017.

Patrick is a native of Corpus Christi residing across the waters in Ingleside on the Bay with his wife Julie. Their sons, Austin (Geologist) and Colin (Operations Manager), both reside in Corpus Christi as part of the team at Nye Exploration & Production. They have a natural foursome for golf and all love to fish, especially offshore.

The SIPES All-Convention Luncheon is included in the registration fee for members and non-members only. Spouses or guests who want to attend should purchase an individual ticket for the event.

Ethics Course
Wednesday, June 13 — 1:30-2:30 p.m.
Aspects of Geoscience-related Ethics Codes
by David M. Abbott, Jr.
Consulting Geologist — Denver, Colorado

This talk examines several issues in geoscience-related ethics including: continuing professional development — encouraged or required; public protection versus confidentiality; ethical, but upsetting research; a look at the problems with models; and whistleblowing — when, how, and consequences; the protection of geodiversity; failure to respect others’ opinions; and aspects of switching jobs.

David Abbott holds an A.B. in earth sciences from Dartmouth College, and an M.S. in geology from the Colorado School of Mines. Mr. Abbott has authored over 50 papers on geoscience ethics since 1989.

He was a geologist with the U.S. Securities and Exchange Commission from 1975-1996, and investigated mining and oil and gas fraud among other duties. He has been a consultant since 1996, specializing in the due diligence review of reserve and resource estimates, in the review of disclosures about natural resources disclosures, and the review of mineral exploration and development programs for precious and base metals, and industrial minerals.

In addition, he has the following qualifications:
• American Institute of Professional Geologists Ethics Committee Chairman Emeritus since 2017 following over 20 years as Chairman.
• Compiler of The Professional Ethics & Practices column in AIPG’s The Professional Geologist since 1995; 166 columns published so far.
• American Association of Petroleum Geologists Distinguished Lecturer for Ethics 2018-19.
• Member Australasian Institute of Mining and Metallurgy’s Ethics Committee.
• Honorary Member of AIPG and Certified Professional Geologist, No. 4570.
• Fellow of AusIMM, GSA, GSL, SEcG.
• Member of AAPG, MMSA, SME.

There is no fee to attend this talk; it is presented to help meeting attendees meet ethics course requirements. Please indicate on the registration form if you will attend. Certificates of completion will be available at the registration desk for attendees who pre-registered for and attended the talk.
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Tuesday, June 12

Resources of New Mexico

8:20-8:30 a.m. — Opening Remarks
8:30-9:00 a.m. — Virginia McLemore — New Mexico Bureau of Geology and Mineral Resources
'Mining Issues in New Mexico 2018'
9:00-9:30 a.m. — Bruce Black — Black Exploration
'Oil Occurrences in the Rio Grande Rift'
9:30-10:00 a.m. — Laura Reich — Geologist & Geophysicist
'Geologic Curiosities of North Central New Mexico'
10:00-10:15 a.m. — Break

Oil in New Mexico

10:15-10:45 a.m. — Ron Broadhead — New Mexico Bureau of Geology and Mineral Resources
'Petroleum Geology of New Mexico: An Overview and Recent Developments'
10:45-11:15 a.m. — Eddie David, #2269 — David Petroleum Corporation
'A Lifetime of Riding the WTI Price Roller Coaster'
11:15-11:45 a.m. — James Manatt — Thrust Energy, Inc.
'Bypassed Oil behind Pipe: Pioneering a Third New Mexico Basin into Production — The Trials and Tribulations'

Exploration Tools for the Independent

1:30-2:00 p.m. — Jerry Stokes, #2866 — Mid-Continental Geological, Inc.
'Electronic Geology'
2:00-2:30 p.m. — James Allen, #1330 — Allen-Hoffman Exploration
'Shell’s $560 Million Mistake, Arco & Sohio’s $1.25 Billion Mistake, and Exxon’s Much, Much Bigger Mistake, or Thank God for Independents'
2:30-3:00 p.m. — Kenneth Hooper — La Mesa Geophysical Services, Inc.
'Prospect-Focused Seismic Survey in Trend Development Strategies'
3:00-3:30 p.m. — Break

3:30-4:00 p.m. — Wayne Hoskins — MapSnapper, LLC
'From Prospect Map to Data Volume'
4:00-4:30 p.m. — John Everett — Front Range Natural Resources, LLC
'ReMOTE Sensing — Getting More Exploration for Less Money'
4:30-5:00 p.m. — Dietmar (Deet) Schumacher — E&P Geo)(Field Services
'Surface Geochemical Exploration for Oil and Gas: New Life for an Old but Underutilized Technology'

Wednesday, June 13

Field Histories

8:25-8:30 a.m. — Opening Remarks
8:30-9:00 a.m. — Richard Boyce, #3245 — dB, LLC
'Not all Wolfcamp Wells have to be Horizontal: — A Throwback to the Way Things Used to be'
9:00-9:30 a.m. — Robert Wiener — Goh Exploration, Inc.
'Shallow Ellenburger and Pennsylvanian Section Re-Exploration Using Innovative Technology and Basic Geology'
9:30-10:00 a.m. — Lee Petersen, #2838 — Buckhorn Petroleum
'Prospecting with the Rear-View Mirror'
10:00-10:15 a.m. — Break
10:00 a.m.-12:00 Noon — SIPES Discovery Room Open
10:15-10:45 a.m. — Pat Gratton, #412 — Independent Geologist
'Adaptive Geoscientist Plus the Key to Survival/Success in Good Times and Bad'
10:45-11:15 a.m. — Kirt Kempter — New Mexico STATEMAP Program
Field Trip Preview — 'Geology of the Jemez Mountains'
1:30-2:30 p.m. — David Abbott — Consulting Geologist
Ethics Course — 'Aspects of Geoscience-related Ethics Codes'

Speakers and schedule are subject to change. Please see www.sipes.org for updates.
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Come to the SIPES Awards Banquet for a fun-filled evening with new colleagues and old friends! A cash bar will be available at 6:30 p.m., followed by a delicious dinner at about 7:15 p.m.

Hampton Sides will present a narrative weaving the adventures of Kit Carson, the U.S. Army, and the Santa Fe Trail into the saga of settling the southwest. Every person (or couple) attending the dinner will receive one pre-signed copy of the book!

**An Epic Life, an Epic Landscape**

Love him or hate him, New Mexico frontiersman Kit Carson lived an outsized life as a mountain man, scout, explorer, Indian agent, and soldier. His eventful career provides a fascinating lens for understanding the rich history of the Southwest. In this multimedia talk, historian Hampton Sides, author of the bestselling history *Blood and Thunder*, uses Carson as the jumping off point for a spirited and wide-ranging discussion of New Mexico and the American Southwest.

Narrative historian Hampton Sides is the *New York Times* bestselling author of many books, including the critically acclaimed *Blood and Thunder*, which chronicles the controversial life and times of the legendary frontiersman, Kit Carson, and his role in the “winning” of the American West and the conquest of the Navajo Nation. Hampton lives in Santa Fe, New Mexico, where he is editor-at-large at *Outside* magazine. He frequently writes for *Smithsonian, National Geographic*, and other publications and teaches narrative non-fiction at Colorado College.

**Awards Ceremony**

There will also be an awards ceremony to recognize retiring national directors. The SIPES Outstanding Service Award will be presented to Art Pansze, Jr., #734, of Arvada, Colorado, who will be honored for his many years of service to both SIPES and the SIPES Foundation.

Winning tickets for the SIPES Foundation’s *No Hassle Raffle* will be drawn. You do not need to be present to win.
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**Monday, June 11**

**Astronomy Adventures Tour**
8:00-11:00 p.m.
$80 per person ($105 after 5/10/18)

There is a wonderful natural resource in New Mexico — dark skies that allow us to see greater density of stars than in many other states. Getting a peek at our increasingly rare dark skies can help make your trip to New Mexico as enchanting and memorable as possible. For 17 years, astronomer Peter Lipscomb's friendly, low-key presentations and textbook knowledge of the natural sky has been bringing the universe to life for visitors.

Astronomy Adventures tours highlight objects that are most favorably placed depending upon the time of year. A large Newtonian reflector telescope is used with a mirror that is 20 inches (0.51 meter) in diameter! Taller than most people when pointed straight up, it can show a great amount of detail on planets and the moon, as well as star clusters, nebulae and galaxies many light years distant.

* A short bus ride from Santa Fe to the safe and secure dark site will get you acquainted with some of nature's most distant and beautiful creations. There will be light snacks and a few bottles of wine available. Space is limited. Please see [http://www.astronomyadventures.com/](http://www.astronomyadventures.com/) for more information.

**Tuesday, June 12**

**Canyon Road Walking Tour**
10:00 a.m. - 12:00 Noon
$25 per person ($40 after 5/10/18)

We will meet the guide at the low end of Canyon Road and tour several of the galleries. You can plan to have lunch on your own after the tour if you choose.

**Restaurant Walking Tour**
2:00-5:00 p.m.
$130 per person ($155 after 5/10/18)

The tour begins at the Santa Fe School of Cooking and includes a guided tour of four of Santa Fe's most prestigious dining destinations. Each stop will include a private tasting, and audience with the chef and owner.

**Wednesday, June 13**

**Santa Fe Botanical Garden Tour**
9:00-11:00 a.m.
$20 per person ($40 after 5/10/18)

Transportation will be provided by the Santa Fe free shuttle as Museum Hill is about two miles south of downtown. Pick up for the shuttle is adjacent to the New Mexico Art Museum, about a block away from the La Fonda. They pick up every 10 minutes and have a direct route to Museum Hill.

While at the Botanical Garden, The Museum Hill Cafe is quite good for lunch, and those not attending the Santa Fe School of Cooking Walking Tour in the afternoon can stay here, tour and enjoy the various impressive museums and take one of the shuttles back to the Plaza.

**Historic Downtown Walking Tour**
2:00-5:00 p.m.
$25 per person ($40 after 5/10/18)

Experience the rich history, culture and buildings while walking through the downtown/plaza area of Santa Fe with a knowledgeable representative from the New Mexico History Museum.
O’Keeffe Museum
Open daily from 10:00 a.m.-5:00 p.m.
Fridays open until 7:00 p.m.
217 Johnson Street, Santa Fe
505-946-1000
www.okeeffemuseum.org

New Mexico Museum of History
Located on the Historic Plaza in Santa Fe
Next to the Palace of the Governors
113 Lincoln Avenue, Santa Fe
505-476-5200 or 505-476-5100
www.nmhistorymuseum.org

New Mexico Museum of Art
Open Tuesday-Sunday from 10:00 a.m.-5:00 p.m.
Closed Mondays
107 West Palace Avenue, Santa Fe
www.nmartmuseum.org

Museum Hill
710 Camino Lejo, Santa Fe

- Museum of Spanish Colonial Art
  505-982-2226
  www.spanishcolonial.org  MOSCA on Facebook
  The Museum of Spanish Colonial Art features objects from throughout the Spanish Colonial world, housed in a historical building designed by John Gaw Meem.

- Museum of Indian Arts & Culture
  505-476-1269
  www.indianartsandculture.org  MIAC on Facebook
  At the Museum of Indian Arts & Culture, encounter Native cultures and artifacts of the Southwest from ancestral to contemporary times in exhibitions from the collection of more than 70,000 works of art and material culture. Current exhibitions include I-Witness Culture: Frank Buffalo Hyde, Stepping Out: 10,000 Years of Walking the West, The Buchsbaum Gallery of Southwestern Pottery and Here, Now and Always.

- Museum of International Folk Art
  505-476-1200
  www.internationalfolkart.org  MOIFA on Facebook
  Experience the color and excitement of the world’s cultures, and see an unparalleled collection of toys, textiles, miniatures and folk art from over 100 countries in Alexander Girard’s exhibition Multiple Visions: A Common Bond. Changing exhibitions include No Idle Hands: The Myths & Meanings of Tramp Art.

- Wheelwright Museum of the American Indian
  505-982-4636
  www.wheelwright.org  Wheelwright on Facebook
  New Mexico’s oldest private non-profit museum, the Wheelwright Museum of the American Indian, emphasizes important Native American art in an eight-sided building inspired by a traditional Navajo hoozeh. Don’t miss the Center for the Study of Southwestern Jewelry.

- Santa Fe Botanical Garden On Museum Hill
  505-471-9103
  www.santafebotanicalgarden.org
  SF Botanical Garden on Facebook
  The Santa Fe Botanical Garden at Museum Hill, designed by landscape architect W. Gary Smith, will integrate the natural and the man-made, a location of natural beauty and environmental interest transformed by excellent garden design, horticultural practice and architecture. General Admission Adult: $7.00, Senior 65+ & Active Military: $6.00, Students with ID: $5.00, and Children under 12: Free!

Getting to Museum Hill
Travel to Museum Hill has never been easier. Take the "M" line operated in collaboration with Santa Fe Trails, the city’s bus line. Departures start at 7:15 a.m. from the Sheridan Street station and continue throughout the day through Santa Fe’s beautiful neighborhoods.
Take the New Mexico Rail Runner http://www.nmrailrunner.com to Santa Fe, take the Santa Fe Pick-up to Museum Hill. Complete schedules, a map and fare information can be found online at http://santafetrails.santafenm.gov/.

Meow Wolf
1352 Rufina Circle, Santa Fe
505-395-6369
Meow Wolf’s House of Eternal Return is a unique art attraction featuring a wild new form of non-linear storytelling which unfolds through exploration, discovery and 21st century interactivity. The premise: Something has happened inside a mysterious Victorian house that has dissolved the nature of time and space. Venture through the house of The Selig Family, and discover secret passageways into fantastic dimensions! Each visitor will be invited to choose their own path through the 20,000-square-foot exhibition, walking, climbing, and crawling through an imaginative multiverse of unexpected environments. The experience will be appropriate for
people of all ages, supplying children with a fantastic world to play within, and giving adults a sophisticated artistic experience with narrative depth.

**Near Town Hiking/Walking**
http://www.sfct.org/trails/dale-ball-trails
Easy to access off of Canyon Road or St. Johns College with great hikes and views of the city.

**More Hiking (Alpine)**
www.fs.usda.gov/santafe
A short 30-minute drive toward the Ski Basin (Hyde Park Road), offers numerous trails. Recommended ones are the Aspen Vista Trail or the Norski Trail. Easy to get to off the road, good parking, and easy/moderate walking with wonderful views.

**Bicycle Rental (in town)**
www.mellowvelo.com
Downtown shop — rental of town or mountain bikes.

**Santa Fe Farmers Market**
Open on Saturdays and Tuesdays from 7:00 a.m.-1:00 p.m. (Saturday is the best). Fantastic local produce.
- The Railyard Artisan Market is off the main market area and features local art and music. It is open on Sundays from 10:00 a.m.-4:00 p.m.

**Out of Town Opportunities**
- **Santuario de Chimayo**
  Quaint northern New Mexico village with the historic and picturesque church listed as a National Historic Landmark. Legends of “healing dirt” which you can get in the chapel, and the site of the largest pilgrimage in North America.
  There is a 10:30 a.m. Mass on Sunday. Anyone interested in attending, with lunch following at the historic Rancho de Chimayo Restaurant, can contact Carol Shiels at 214-549-1986. We will need a headcount to make lunch reservations.
- **Abiquiu**
  Abiquiu is approximately a 45-minute drive from downtown Santa Fe. Beautiful Chama River valley and home of Georgia O’Keeffe. Visit nearby Ghost Ranch, Plaza Blanca or the Benedictine Abbey of Christ in the Desert.

**Los Alamos**
The museums are a great place to visit and go through the history of the development of the atomic bomb.
A short drive (45 minutes).
- **Bradbury Los Alamos Museum**
  http://www.lanl.gov/museum/
- **Los Alamos History Museum**
  www.losalamoshistory.org

**Bandelier National Monument**
Fantastic preserved ruins carved into the cliffs above the Frijoles Creek.
www.nps.gov/band/index.htm

**Valles Grande National Preserve**
www.nps.gov/vall/index.htm
Beautiful preserve, vast scenic views, second largest elk herd in the state can usually be observed in the summer months.

**Ten Thousand Waves**
Various massage packages from $120-300
Spa treatments from $65-175

**Black Mesa Golf Course**
$36-80 for 18 holes
If you’re interested in playing golf, please contact Mike Austin at austinoil@aol.com and give him your name and contact information. He will arrange the tee times for all those who want to play.

**Santa Fe Rafting Company**
Chama River — all day: $120 per person
Rio — half day (easy): $65 per person

**High Desert Angler**
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1-2 individuals: $350 (full day)
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We think this topic will have wide appeal to both the technical audience and anyone interested in the geologic forces that shaped the landscape of northern New Mexico.

Dr. Kirt Kempter will discuss the volcanic history of the Jemez Mountains over the past 16 million years, culminating in major caldera-forming eruptions at 1.6 and 1.25 Ma (mega-annum or million years). During the physical growth of the mountain range, the focus and composition of magmatism varied, ranging from basaltic to high-silica rhyolite, with corresponding diverse eruption styles and deposits. The Bearhead volcanic phase, erupted mostly between 7 to 6 Ma, spanned a broad north-south axis with numerous eruptive centers that produced explosive pyroclastic flows and high-silica lavas. Two of these eruptive centers produced the volcanic deposits at Kasha Katuwe Tent Rocks National Monument. The Tschicoma volcanic phase succeeded the Bearhead phase, forming all of the major peaks in the eastern Jemez Mountains, including Cerro Grande, Pajarito, Tschicoma, and Cerro Pelón. These mountains formed between 5 to 3 Ma and largely represent volcanic domes that erupted viscous, silica-rich lavas, with only minor explosive deposits. Prior to the caldera-forming eruptions in the central Jemez Mountains there were eruptions of basalt and rhyolite in the northern Jemez Mountains, along with the formation of the Cerros del Rio volcanic field southeast of the Jemez. After the formation of the Valles Caldera at 1.25 Ma and the emplacement of the Upper Bandelier Tuff, volcanism has been confined to the caldera, including the formation of numerous ring-fracture volcanoes. The last of these caldera-related eruptions occurred at the south end of Redondo Peak ~40,000 ybp and produced the El Cajete series of volcanic deposits, including the El Cajete tephra, the Battleship Rock tuff, and the Banco Bonito obsidian flow.

Dr. Kirt Kempter is a Fulbright Fellow and Ph.D. graduate from the University of Texas at Austin, and he lives in Santa Fe. A volcanologist and field geologist, Kirt has conducted extensive field research on volcanic provinces in Costa Rica, Mexico, and New Mexico. Kirt has also worked with the NASA astronaut training program, providing field geologic training to astronaut candidates in New Mexico. Since 1993 Kirt has led numerous educational tours for Smithsonian journeys and National Geographic expeditions, from Antarctica to Iceland, acquiring a broad perspective on global geology that he conveys through teaching.

Tour includes round-trip bus transportation, boxed lunch, a guidebook, bottled water, taxes and gratuities.
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As of March 6, 2018

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Gerrit Wind — Houston, TX
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Bob Leibrock (Ft. Worth) & Don Muth (Dallas)

Speaker Committee:
James Henderson, Dan Earl Duggan, Bob Leibrock, Carol Shiels and Bob Webster

Activities Committee:
Jack Naumann & Michael Adams

Fundraising:
Doug Essler

Post-Convention Field Trip:
David Shiels

Discovery Room:
Doug McGinness

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2018 CONVENTION
COMMITTEE
REGISTRATION FORM

SIPES 2018 Annual Convention • June 11-14
Santa Fe ♦ New Mexico

Complete This Form and Return to SIPES – or Register Online at www.sipes.org
Fax: 214-363-8195 or Mail to: 4925 Greenville Avenue, Suite 1106, Dallas, TX 75206

REGISTRANT INFORMATION

Name ________________________________ SIPES No. ______
Nickname for Badge __________________________
SIPES Chapter Affiliation ______________________
Spouse/Guest Name __________________________
Mailing Address _______________________________________________________________________
City _______________________ State _________ Zip ____________
Is this: □ Office Address □ Home Address
Daytime Phone Number __________________________
E-mail _________________________________

PAYMENT INFORMATION

Total Amount Due $ _____
Please Check One:
□ Check Enclosed □ MasterCard □ VISA □ Discover □ American Express
Please Make Checks Payable to: SIPES 2018 Convention
Credit Card Account Number: ___________________________________________________________________
Expiration Date: __________ Billing Address (if different from above): ___________________________________________________________________
________________________________________________________________________________________
Your name as it appears on the credit card: _____________________________________________________
X ____________________________________________
Authorized Signature

Please see reverse side for Registration Fees
You will receive confirmation from SIPES by e-mail or mail

Have you made reservations with La Fonda on the Plaza? □ Yes □ No
(See Page 7 for Hotel Reservation Information)
I plan to attend the Wednesday afternoon ethics course: □ Yes □ No
Please indicate any food allergies: _________________________________________________

Please include this form with your payment! No Refunds after May 10, 2018
**REGISTRATION FEES**

Name: _____________________________________________________________________________________________________________

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>On or before May 10</th>
<th>After May 10</th>
<th>Price Includes</th>
<th>Number</th>
<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>SIPES Member/Associated Member*</td>
<td>$300</td>
<td>$350</td>
<td>Icebreaker, Technical Sessions, Discovery Room, Ethics Course, Tuesday luncheon &amp; Refreshments</td>
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<td></td>
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<tr>
<td>Non-Member</td>
<td>$375</td>
<td>$425</td>
<td>Icebreaker, Technical Sessions, Discovery Room, Ethics Course, Tuesday luncheon &amp; Refreshments</td>
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<tr>
<td>Spouse, Widow, or Guest of Member</td>
<td>$150</td>
<td>$200</td>
<td>Icebreaker, Hospitality Suite, and ability to register for optional tours &amp; events</td>
<td></td>
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*SIPES Member rates apply to members of the following societies: AAPG# _________   SEG# _________   SPEE# ________

## OPTIONAL EVENTS

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates/Times</th>
<th>On or before May 10</th>
<th>After May 10</th>
<th>Number</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>SIPES Foundation Seminar</td>
<td>Monday, June 11 2:30-5:00 p.m.</td>
<td>Member/Associated Member $65</td>
<td>Member/Associated Member $ 90</td>
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<td>Non-Member $75</td>
<td>Non-Member $100</td>
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<td>Spouse/Guest $35</td>
<td>Spouse/Guest $ 60</td>
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<tr>
<td>All-Convention Luncheon (for registered spouse/guest)</td>
<td>Tuesday, June 12 12:00-1:15 p.m.</td>
<td>$80</td>
<td>$105</td>
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<tr>
<td>Awards Banquet</td>
<td>Tuesday, June 12 6:30-9:00 p.m.</td>
<td>$110</td>
<td>$135</td>
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<tr>
<td>Post-Convention Field Trip</td>
<td>Thursday, June 14 8:00 a.m.-5:00 p.m.</td>
<td>$150</td>
<td>$200</td>
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## OPTIONAL TOURS

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates/Times</th>
<th>On or before May 10</th>
<th>After May 10</th>
<th>Number</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy Adventures Tour</td>
<td>Monday, 8:00-11:00 p.m.</td>
<td>$80</td>
<td>$105</td>
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<tr>
<td>Canyon Road Walking Tour</td>
<td>Tuesday, 10:00 a.m.-12:00 Noon</td>
<td>$25</td>
<td>$40</td>
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<tr>
<td>Restaurant Walking Tour</td>
<td>Tuesday, 2:00-5:00 p.m.</td>
<td>$130</td>
<td>$155</td>
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<tr>
<td>Botanical Garden Tour</td>
<td>Wednesday, 9:00-11:00 a.m.</td>
<td>$20</td>
<td>$40</td>
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<tr>
<td>Historic Downtown Walking Tour</td>
<td>Wednesday, 2:00-5:00 p.m.</td>
<td>$25</td>
<td>$40</td>
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</tbody>
</table>
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