During December 2016 and January 2017 the Integrated Ocean Discovery Program drilled into three Mariana seamounts. On board were 31 invited scientists from 12 countries, including geologists, microbiologists, geochemists and one lone hydrologist. This talk will cover some of the fascinating results of the expedition and what it’s like to live on a research ship for two months over Christmas and New Year’s Day.

Dr. Barbara Bekins is a research hydrologist with the U. S. Geological Survey, Water Mission Area, located in Menlo Park, CA. She studies the generation of fluid overpressures and their effect on fault strength including induced seismicity. She has participated in drilling expeditions to subduction zones in northern Barbados, Peru, and Mariana. She has a BA in mathematics from UCLA, a PhD in geology from UC Santa Cruz, and is a fellow of the Geological Society of America and the American Geophysical Union.
WELCOME TO GLEX: The Explorers Club’s Global Exploration Summit. July 3 to 5, 2019
and to the “Acorn Explorers” of The Northern California Chapter of the Explorers Club of America.
(A report delivered by Diana Pickworth-Wong FN’01 to the chapter meeting on Friday, October 25th.

“WOW”, is the only way to begin this report, “A World of Wonder” of which we are all an integral part. Feted by the Portuguese
whose pride in Magellan’s circumnavigation of the globe five hundred years ago and the American placement of a human on the moon
fifty years ago, set the bar high for human accomplishment. The conference was accompanied by the signing of The Lisbon Agreement
to commit us as explorers to advocate for responsible lives as climate change spirals toward a catastrophe, far more quickly than we
anticipated. Editor’s note: See the summer 2019 Explorers Log for more details.)

Portugal is a welcoming country, and Lisbon a beautiful old European city as well as being a striving new city. The Dom Pedro Hotel
our host hotel rose to the occasion and was certainly celebrated life, companionship, new friends and old friends lost and re-found.
Our first evening together was held in the hotel, cocktails followed by a buffet, held on the patio of the eighth floor overlooking the old city.
I personally allowed time before and after the summit to visit a traditional gold filigree-work museum, famous modern restaurants and
to taste the wines and port of the Douro region.

The Research Foundation Champalimaud - Museum of the Unknown - a modern molded concrete building was an exquisite venue
for Day 1, looking across the River Tagus it literally sang as DJ Spooky (Paul D. Miller, author of Book of Ice and Artist in Residence at Google),
synchronized a live violin rendition of Kleber’s Odyssey to a Snowflake, with strobe lights bringing to life the buildings
contours in a performance entitled Music of the Ice. We lunched on the stepped terrace overlooking the river and out toward the vast
Christian symbol of peace on the opposite side of the river, Christ the King, inspired in 1959 by the Christ the Redeemer statue in Rio.

On Day 2 the program was a mix of repeat lectures and variations on earlier talks open to the public and held in the University of
Lisbon - Aula Magna, where many students joined us for the day. In the evening we dined in the vast Maritime Museum surrounded by
ancient boats, definitely a highlight for me.

On Day 3 after the signing of Article 17 of the Lisbon declaration, we met in the Oceanic Research Center for a private tour of the
aquarium, lunch and then we heard specific ocean related papers of exploration: the oceans, earth and space.

VICTOR VESCOVO: Leader Five Deeps Expedition. “Discovering the Mysteries of the As personal favorites I have chosen three of
the presenters to highlight three areas Ocean”.
TIM JARVIS: Environmental Scientist, Author and Polar Explorer. “Changing Planet: Climate Change and Sustainability”;
Evidences garnered as he retraced Shackleton’s Journey to the Antarctic.
LINDA ELKINS-TANTON: Principal Investigator (lead) of the NASA Psyche Mission. Director of the Interplanetary Initiative at
ASU (Arizona State University).

Personal favorites whom I chose for their team work, integrity, conviction and determination, qualities which I saw exemplified in
their work. And the qualities I would like to see developed in my proposed project to create ACORN EXPLORERS. I noticed a high
percentage of presenters referred back to a moment that had inspired them when they were very young. Indeed, their life path was
inspired, crafted and developed based upon: an individual, a nature experience or a young personal memory. And I too was inspired to
move toward creating for the under-five year old child moments that would last a lifetime and inspire them, under the auspices of the
Explorers Club of America.

Three books have helped clarify a recent change in children’s lack of knowledge of the universe. Richard Louv “Last Child in
the Woods” discusses what he calls a Nature Deficit Disorder. Being in nature initiates special experiences for a child, which appear
to engender creativity. Gary Paul Nabhan, a Macarther Scholar and professor at ASU (Arizona State University) wrote the “The
Geography of Childhood: Why Children Need Wild Places” he specializes in the relationship between a child and where he lives. The
third book “A Child’s Work” by Vivian Gussin Paley references imagination and the importance of non-interference in their developing
relationship with their imagined world in fantasy play. Today an associated loss of vocabulary referencing nature is marked globally
and attributed to constant availability to the internet, television and cell phone. Clearly after attending GLEX it was imperative to me to
begin “one child at a time” to reintroduce our little people to their world in a meaningful manner.

Our trial Acorn Explorer has been my three and half years old grandson and he has now experienced all three of the chosen modules.
We usually go outside on the deck to talk to our resident owls under the stars when it is dark in order for him to become acquainted with
night time outdoors, to see the moon and appreciate just how vast space is. His first question was a lead into how planets move. “Nana I
want to play outside and I want you to make the moon go down, it is too dark”. Three different sized balls and a little play acting made
clear that the planets are indeed fixed and we could not change the moon’s behavior. The modern loss of vocabulary I am addressing by
creating an alphabet of plants, birds, trees, and insects in my wooded garden. “An Alphabet on Nana’s Garden”.

I have chosen a friend Dan Neber, rock-face climber, outdoorsman and medic to help me create our program for the bay area. We have
in the bay area, within easy reach: tide-pools and the ocean, woodland and mountains and the sky and beyond.

Our first experiment was just myself and TSW my grandson and I chose as our destination The Bishop’s Ranch west of Healdsburg. It
is a location known to both of us and I wanted to see just how feasible such expeditions could be. The ranch has 350 acres of riparian
land, is covered with trails, and there is a lake and small hill. Initially I let him play ball and chase the turkeys, as decompression from
city life is essential before going on “The Acorn-Explorer Expedition”, otherwise the child does not become invested in and fascinated
by the experience. The following morning we sat on the swing so that he could sit quietly and watch the blue jays who nest in the
Camelia Sinensis next to the swing. I suggested a walk to look for bugs and butterflies but he pre-empted any further need for me to
plan a walk as he decided he wanted to walk the labyrinth and he would be the leader. One and half hours later, and many false turns, he
happily reached the middle truly happy and proud of himself. I stepped in only to make sure we eventually reached our goal. He was
happy with his own quest, at peace and engaged. Treasured rocks were collected and a few new plant names learnt. (continued next page)
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Our second excursion was at Donner Lake when Dan Neber took over as team leader. It was wonderful and we noted that quiet time, before the excursion, definitely is important. Little people today are used to being programmed and containerized and the sudden solitude, quiet and concentration required to actually see and experience the environment had to be consciously engendered. Our earth excursion was to find a lizard and by lying still and listening in the right spot we found one quickly. He climbed rocks and trees with enthusiasm and on returning to the cabin stated with utter glee “I am filthy”. The expedition to experience the lake environment again found him absorbed playing alone pulling on the rope that closed off the beach area. We gave him no toys, his own fascination with the water held his interest.

Our plan is to take our first group of under-five-year-olds with an elder, grandparent, relative or friend on a Northern California Explorers Club field trip in the bay area, so that our Acorn Explorers will begin the journey of their life.

Diana Pickworth-Wong, PhD FN ‘01

The Review of October’s Head-hunter and Art presentation will appear in the December newsletter.

“EXPLORATION...
A FIRST EXHIBIT IN PHILO-PHOTOGRAPHY”

A Traveling Exhibit by

ALAN H. NICHOLS, J.D., D.S.
PHILO-PHOTOGRAPHER and PHOTO-PHILOSOPHER
AUTHOR and EXPLORER
PRESIDENT EMERITUS, THE EXPLORERS CLUB*

OPENING RECEPTION NOVEMBER 20, 2019
(Closing: January 2020)
Where: The Tamamalpais, 501 Via Casitas, Greenbrae, CA
Time: 3:30 PM to 5:45 PM
Travel Dress
Libations and Hors d’oeuvre by Chef Mia
RSVP: Becky Nichols
Unit 1113, 501 Via Casitas, Greenbrae, CA 94904

“This is a first....To formally combine a Philo-Photography exhibit of Alan’s round-the-world exploration with a few stories, why he was and is an explorer... and a sampling of his over 40 published works, including an exhibit program. and his latest books The Hunted and the Hunter, and Exploration and the First Philo-Phototrapherer and Photo-Philosopher.” Mark Weiman, Publisher.
FROM THE CHAIR

We had a great demonstration on Friday of Explorers ingenuity. Our main speaker for the evening was to be Michele Westmorland, a club member from the Pacific Northwest Chapter. She was planning to come down to the Bay area, stay with a friend and talk about her film — *Headhunters Revisited*. That was Plan A. At the beginning of the presentation week, she felt very weak and sick. She went to her doctor and who told her not to travel. She put Plan B into place and sent a scripted presentation to her friend Deborah Kirk so that Deborah could give the presentation. All was going well till Deborah ran into some problems reading the text, so Tom Dolan initiated Plan C (or maybe Plan B 2). With one computer for the presentation and one computer for the script, Deborah finished Michele’s presentation and took a few questions. My comment at the end was that since Michele and Deborah have done some exploration trips together, perhaps Deborah can put together a presentation for a future meeting (on diving in cenotes for example) and Michele can come down to present it.

In addition to the main meeting, Diana Pickworth talked about the Global Exploration Summit that the Club held this summer in Lisbon, covering exploration of the land, air and ocean. She was struck by the number of stories of that special moment that set the course for many explorers — some childhood moment of realization. She wants to now develop a program to help young children be exposed to their ‘aha’ moments and will have more to say on this in future newsletters.

There are lots of events to look forward to this November. A chance to see some of Eugene Boudreau’s artifacts (see below for details), Alan Nichols photography exhibit opening at The Tam in Greenbrae and our November 22nd dinner talk by Dr. Barbara Bekins. All of that before Thanksgiving!

Finally, hold open the afternoon of December 15th for the Holiday Party; more details to come.

Lesley Ewing, FN’93

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**A special Special Event: November 17, 2019, Sunday from 1 PM to 4 PM**
**Home of Sybil Boudreau, 1209 Beattie Lane, Sebastopol CA 95472**

Please RSVP to our Treasurer Anna Freitas, by November 14.

**Luncheon Fee: $25 ($35 thereafter)**

The late Gene Boudreau, a loyal and frequent participant in the affairs of the Northern California Chapter, was an avid semi-professional ethnologist in addition to being a professional geologist. Any member that visited his and Sybil’s home revealed among his archive of materials collected from the Tarahumara Indians of Mexico’s Sierra Madre and the Turkana tribe of northern Kenya. Important pieces of these collections are offered by Sybil to our members, and you can come to this event and leave with unique treasures.

Most of the Mexican items have been taken for a museum in northern Mexico — they are essentially “going home!” However, there are many ceramic pots and many hand-woven blankets available for our members or guests to take. Sybil is offering the pots for $10 to $40 based upon their size and the blankets, appraised for far more, at $50. The archive from northern Kenya is for you to peruse and find something you like, at whatever small donation you deem reasonable.

The collections were gathered over several journeys to these locales. Gene had an eye for everyday utilitarian items that he felt would no longer be used but represent their culture’s craftsmanship. His trips were self-motivated and self-funded. All materials were gathered with the permission of the individuals who used or created them, and all were paid whatever sum was requested. Most trips were solo, although he did invite fellow explorers to join him on occasion.

To provide you with some insight into what is available you can link to two documents that summarize both the Tarahumara and Turkana collections:

Tarahumara: [https://www.dropbox.com/s/x3x60cc0lkz0olj/BackinTime%2Bsamples.pdf?dl=0](https://www.dropbox.com/s/x3x60cc0lkz0olj/BackinTime%2Bsamples.pdf?dl=0)

Turkana: [https://www.dropbox.com/s/k1m84ltqfth13p/BoudreauTurkana%2Bsamples.pdf?dl=0](https://www.dropbox.com/s/k1m84ltqfth13p/BoudreauTurkana%2Bsamples.pdf?dl=0)
November 2019 Issue
Northern California Chapter
Established 1973

CHAPTER DIRECTORS

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<td>Sandra Cook MN’16</td>
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<td>Paul Freitas MN’10</td>
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Chapter Email Addresses and Chapter Phone Number
chair@explorersnorca.org
vicechair@explorersnorca.org
secretary@explorersnorca.org
treasurer@explorersnorca.org
webmaster@explorersnorca.org
fieldtrips@explorersnorca.org

Late arrival phone number for Monthly meeting at the Dolan Law Center
The door will be locked and unattended after 7:15 p.m.
Chapter Phone: 415.236.3459 (for message or locked door entry).

CURRENT EXPLORATIONS

* Chair Emeritus Anders Jepsen FN’03 presented a paper to the Technical Demining Workshop held in Basel, Switzerland early in November. His non-profit Exploration For Humanity, Inc. reported on the success of a drone-mounted magnetometer system to detect UXO and landmines in a regional exploration survey in Germany.

* Chair Emeritus Alan Nichols FN’84 opens his photo-philosopher exhibition with a reception at the Tamalpais Residence on 20 November 2019. Well known explorer Frederick Paulson will be in attendance.

* Diana Pickworth FN’01 is just back from GLEX and explains elsewhere in this newsletter what it was and why it was held in Portugal

* Chair Emeritus Bob Schmieder FE’86 is busy laying out his book about his expeditions to the antarctic Heard Island which took place in two separate expeditions to the South Atlantic.

MEETING VIDEOS

Our Chapter now records all of our dinner meetings. Videos of recent speakers’ presentations are available on the Chapter Website.

CHAPTER MEETING

Friday, November 22, 2019

Place: The Dolan Law Firm
1438 Market Street
San Francisco, CA 94102

Time: 6:30 - reception
7:15 - dinner; 8:00 - program

Meal Options: Chicken Picatta, Spiral sliced baked ham
Vegetarian: Pasta Primavera.

Cost: $49 before November 19; $35 for students, $60 for everyone after October 22.

Please mail reservations, checks to Anna Freitas
161 Camino Posada, Walnut Creek, CA 94595.
call Anna at 925-457-6424
or email treasurer@explorersnorca.org

To sign up and remit your meal costs online, go to www.explorersnorca.org.