



SWAAG NEWSLETTER

<http://www.sw-aag.org/>

SWAAG Chair's Column

By Michaela Buenemann, SWAAG Chair,
New Mexico State University



This has been another exciting year for SWAAG! We had an excellent annual meeting in San Antonio, TX, co-hosted by the Departments of Geography at Texas State University and the University of Texas at San Antonio and held jointly with the Applied Geography Conference. SWAAG hosted a World Geography Bowl for the first time in its history and the event was extremely well received. Student teams from Texas A&M University, New Mexico State University, and the University of New Mexico won first, second, and third place, respectively. Who will it be this year? We are looking forward to even greater participation, especially by women, minorities, and undergraduates who were previously underrepresented. Another huge success this past year, and also an innovation at our meetings, was our SWAAG t-shirts—we sold around one-hundred and the proceeds helped sponsor our diverse student awards. In addition, we approved new bylaws and further enhanced the website. Among other things, we can now facilitate discussions of interest to you on the website, a setup which allows us to limit the purpose of our listserv to sending you information about news and events.

I am also thrilled to report that there is much evidence for our discipline thriving across the region. For example, as of this year, there is a brand new stand-alone geography department at Texas Christian University. Five departments added new degree programs: Oklahoma State University is now offering a B.S. in Geospatial Information Science, Arkansas Tech University a B.A. in Cultural and Geospatial Studies, University of Oklahoma

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a M.S. in Geography, University of Texas a B.A. in Sustainability Studies, and Tarleton State University a B.S. in Geographic Information Systems. At least a handful of departments hired new professors. Two programs were nominated by SWAAG for the 2017 AAG Master's Program Excellence Award: the Department of Geography and Environmental Studies at the University of New Mexico and the Department of Geography and the Environment at the University of North Texas. Excellence of the former is indicated in part by its remarkable growth from five to ten faculty over the past ten years; excellence of the latter has been consistent over many years, most notably in the areas of student development, community engagement, and research.

To celebrate these successes, network, share your research, learn new things, and have a good time all



At the 2015 SWAAG annual meeting, Murray Rice (past-Chair; 2nd from right) and Ron Hagelman (outgoing Regional Councilor; center) were honored for their many years of outstanding service to SWAAG. Awards were presented by SWAAG officers Michaela Buenemann (Chair; 2nd from left), Laurel Smith (Secretary; right), and Jason Julian (Treasurer; left).

around, I hope you will join us for “an affair on the square” at our upcoming (20-22 October 2016) annual SWAAG meeting in historic downtown Denton, TX. Hosted by the Department of Geography and the Environment at the University of North Texas, the meeting promises to be another premier event for all friends of geography! Students, I’d like to encourage you in particular to participate actively in the conference. The meeting is an outstanding opportunity to “get your name out there” by presenting your work in a friendly and supportive environment and by connecting with other students, faculty, and professionals. If you participate in our student competitions, you may win one of our existing SWAAG undergraduate and graduate student paper and poster presentation awards and/or a new presentation award sponsored by the AAG Council. All of these awards carry stipends and enrich your resume. All, for more information about the meeting and other SWAAG-related topics, please visit our website (swaag.org) or Facebook page. As always, please let me (elabuen@nmsu.edu) or the other SWAAG officers know your how we can better serve you—we value your input and appreciate your feedback!

Message from Regional Councilor

By Darren Purcell, SWAAG Regional Councilor,
University of Oklahoma

While writing this newsletter piece I stopped to check my Google Calendar and saw it is just over two months till we convene in Denton, TX for SWAAG’s 2016 meeting. Having talked on the campus a few years ago I know the faculty and students at University of North Texas (UNT) will provide the usual excellent Texas hospitality. I am confident that our next SWAAG will be a very good conference, but it can only be good with the membership’s active participation.



Given UNT’s relative centrality in the region I am hoping for one of the larger turnouts of faculty and students for a SWAAG meeting. Perhaps another incentive for students to attend (and faculty to send their students) is a new award. The AAG is initiating a \$1000 AAG Council Award for Outstanding Graduate Student Presentation for each regional meeting. SWAAG’s student competitions have been competitive with excellent graduate student presentations and now the best can receive substantial support for taking their research to the AAG meeting.

Speaking of SWAAG graduate students, I want to highlight the work of University of Texas doctoral candidate Sara Diamond. Her efforts at organizing graduate students (which make up more than one-third of AAG membership) and her work with the task force charged with implementing student representation led to the Council unanimously voting to create a post for an elected student representative, pending AAG membership approval. It is my hope that SWAAG will consider doing the same at the regional level.

Finally, I want to thank all my colleagues who volunteered to serve on various AAG committees last spring. I was pleasantly surprised at the number of volunteers and I hope that spirit will be shared at the SWAAG meeting. SWAAG will need volunteers to run the World Geography Bowl. This can be everything from moderating rounds (channel your inner Alex Trebek) and

judging to helping write questions for the actual competitions. Please contact SWAAG Secretary Jason Julian to pitch in at Jason.Julian@txstate.edu.

As always, if you have concerns and questions about AAG activities, please do not hesitate to contact me at dpurcell@ou.edu and I look forward to seeing many of you in Denton.

Message from Past AAG President

By Sarah Bednarz, Texas A&M University



I write this in the closing days of my presidency of the American Association of Geographers. It is an opportunity to say thank you to my fellow SWAAGers for your support and past leadership opportunities; my skills in running meetings and managing conflict were honed through our cordial organization. I

vividly remember so many SWAAG meetings, from Galveston, organized by Texas A&M's department of geography in the early '80s, to more recently North Little Rock, San Marcos, Norman, Tahlequah, Nacogdoches (twice!), College Station, and Laredo. I particularly remember Laredo because we passed a hat to raise money to bring an errant student back across the border—something about a lost passport? Alas, I missed the meeting in Baton Rouge, famous for a pirogue filled with beer.

And while it is easy to reminisce about the social side of SWAAG, it is actually the opportunity to hear excellent student papers and to learn about the work of colleagues across the region that brings me back each year. The scale of SWAAG is inviting, we have great participation from both PhD-granting and undergraduate institutions, and participants really seem to enjoy the range of papers presented. It is always a very open and egalitarian meeting.

While thinking about SWAAG, I note with some surprise that I am only the second SWAAG member to become president of AAG, following the estimable Terry G. Jordan who presided in 1987-1988. I think it is time for regional parity. Let's see more representation from our region, particularly Arkansas, Louisiana, Oklahoma, and

New Mexico. Two from Texas seems sufficient. I should note that the slate for 2015-2016 was all-SWAAG: me against my good friend, Craig Colton (LSU). Or maybe it was a SEC thing.

When I began my term last July 1 we were still the Association of American Geographers. It has been a busy year, beyond the name change. We are preparing to welcome an elected student representative to AAG Council, commencing a prestigious Fellows program, and reviewing our dues structure to be even more progressive than it currently is. We have secured an excellent agreement with our publisher, Taylor and Francis, arranged for our archives to be housed in the Library of Congress, and entered into a long term agreement to offer affordable (but not free) childcare at our annual meeting.

Finally, AAG Council is inaugurating a new award for Outstanding Graduate Student Presentation at a Regional Meeting; the \$1000 will support a SWAAG student to attend the annual meeting, in 2017 in Boston, Massachusetts. I am proud of these and other accomplishments which should be particularly beneficial for members of SWAAG. These are not all my doing; Council is fortunate to have strong leaders from across the country and here in the southwest. It has been a pleasure to work with Ron Hagelman and Darren Purcell on Council.

As Bob Bednarz and I retire from Texas A&M University, we will relocate but stay geographically in SWAAG. This year I attended many regional meetings (and will hit two more this fall). Each region is unique and has its own customs. Let me just say I feel very comfortable at home in SWAAG.



SWAAG Officers, 2008, San Marcos: Sarah Bednarz, Darren Purcell, Jeff Lash, Craig Colton, Michael Yoder (top-left to bottom-right).

Remember the SWAAG!: 2015 Annual Conference

By Ron Hagelman, 2015 SWAAG Meeting Co-Organizer, Texas State University

The 2015 Annual Meeting of the Southwest Division of the American Association of Geographers (SWAAG) was held jointly with the Applied Geography Conference (AGC) November 4-7 in San Antonio, TX. In partnership with AGC, the meeting was hosted by the Department of Geography at Texas State University and the Department of Geography at the University of Texas-San Antonio. Nearly 350 students, faculty, and practitioners attended, with equal numbers attending from both organizations.

In addition to numerous institutions within the SWAAG region, AGC members attended from a wide variety of programs nationally and internationally.



The opening session included an address by Dr. Sarah Bednarz, President of the American Association of Geographers (AAG) on the state of current research opportunities in our discipline and the meeting concluded with a plenary by Dr. John Morris, Professor of Geography at the University of Texas-San Antonio, entitled "*Water Dreams and Water Schemes*." In addition to awarding numerous student paper and poster awards, SWAAG hosted its first GeoBowl with student winners being funded to attend the annual AAG meeting in Spring 2016 to compete in the national GeoBowl. It was a great success and all agreed that it should become a fixture of future meetings. The business meeting highlighted the strong leadership of current SWAAG officers, the superb work of student presenters at the conference, and the excitement over visiting the vibrant redevelopment of downtown Denton, Texas at the Fall 2016 meeting, hosted by the Department of Geography and the Environment at the University of North Texas.



Welcome to SWAAG 2015 in San Antonio, TX.

KEEP CALM and GEOG ON, the official SWAAG 2015 shirt.



Student competitions were competitive and well-attended.



The inaugural SWAAG GeoBowl was a lot of fun, late into the night.



Dr. Joseph Kerski (ESRI) sharing his wealth of GIS knowledge during one of the poster sessions.



The meeting was capped off with an amazing talk by Dr. John Morris (UTSA) on “Water Dreams and Water Schemes.”

2015 SWAAG Student Competition

By Jason Julian, SWAAG Secretary,
Texas State University

Congratulations to the winners of the SWAAG Student Competitions at the 2015 SWAAG Meeting in San Antonio, TX. All competitions were very competitive and well attended. I was particularly impressed by the undergraduate paper competition. We have a great group of students in the SWAAG Region. Finally, a sincere thanks to the 24 judges, who had the daunting task of evaluating 39 student entries.

Undergraduate Student Paper Competition



1st – Joshua Bova (right), University of North Texas

Keeping Denton Beautiful: Evaluating the effectiveness of an urban community tree giveaway program in Denton, Texas

2nd – Benjamin Ignac (center), University of Oklahoma

Climate Change in the Mind of a College Student: A Cross-Sectional Study on Climate Change Perceptions at the University of Oklahoma

3rd – Mason Sims (left), University of Central Arkansas

An evolutionary geography of sport: How traditional methodologies apply in a virtual age

Graduate Student Paper Competition



1st – Kristen Newcomer (center), Texas State University

Historical riparian habitat changes of an endangered bird species: Interior Least Terns along the Red River

2nd – Su Zhang (right), University of New Mexico

Infrastructure Condition Assessment Based on Low-cost Hyper-spatial Resolution Multispectral Digital Aerial Photography

3rd – Nathan Lopez-Brody (left), NM State University

Spatio-temporal dynamics of woody plants and bighorn sheep in the San Andres Mountains, New Mexico, U.S.A.

Undergraduate Student Poster Competition



1st – Alex Holland (left) & Kathryn Franks (center), University of Oklahoma

Using NASA Earth Observations to Analyze Heat and Light Pollution in Urban Environments

2nd – Christina Kenny (right), University of North Texas
Influences of Geologic and Land Use Characteristics on Urban Forest Distribution in Denton, Texas

Graduate Student Poster Competition



1st – Ioannis Kamarinas (right), Texas State University
Mapping stream networks in New Zealand using climate, geology and source of flow

2nd – Laura Holtzman (center), University of Oklahoma
Breakpoint Analysis with the BFASST algorithm in global vegetation index

3rd – Yhan Teng (left), Texas State University
Child Health in China: Regional Differences and Impact Factors

2015 SWAAG World Geography Bowl

By Michaela Buenemann, SWAAG Chair, NMSU

SWAAG held its first World Geography Bowl (GeoBowl) at last year's SWAAG meeting in San Antonio, TX. Seven teams, each composed of roughly six students, competed: University of New Mexico, New Mexico State University, University of Oklahoma, University of North Texas, Texas State University, Texas A&M University, and "Arokabama" (a team with students from the University of Alabama, University of Central Arkansas, Oklahoma State University). The competition was fierce, but we had winners at the end of the day!



1st Place Team: Texas A&M University (Elliott Clark, Aida Guhlin, Scott McConaghy, Jason Ridgeway, Matt Vaughn, and Trey Murphy [pictured with SWAAG officers]).



2nd Place Team: New Mexico State University (Zach Taraschi, Holly Baker, Nathan Lopez-Brody, Jake Dialesandro, Gaurav Thapa, Stephanie Mundis, Dominic Loya [from left to right]).



3rd Place Team: University of New Mexico (Tammira Talor, Will Brewer, Susanna Diller, Aaron Russell, Jacob Wolff [from left to right]).

Individual Geography Bowl Winners

1st Place: Jason Ridgeway, Texas A&M University, Graduate Student

2nd Place: Will Brewer, University of New Mexico, Graduate Student

3rd Place: Matt Vaughn, Texas A&M University, Graduate Student

4th/5th Place: Zach Taraschi, New Mexico State University, Undergraduate Student

4th/5th Place: Carson Bode, University of Oklahoma, Graduate Student

6th Place: Austin Thomas, Texas State University, Undergraduate Student

All team and individual winners received certificates. The top three individuals received small cash awards sponsored by SWAAG (\$75, \$50, and \$25 for 1st, 2nd, and 3rd place, respectively). Moreover, the top six individuals were offered joint support by the AAG and SWAAG (\$283 per person) to represent SWAAG at the 2016 AAG World Geography Bowl in San Francisco, CA.

Congratulations once again to all the winners!

Thank you to all the volunteers who made the 2015 SWAAG World Geography Bowl possible!

Question Writers

Christian Brannstrom, Texas A&M University

Michaela Buenemann, New Mexico State University

Craig Colten, Louisiana State University

Dan Dugas, New Mexico State University

Chris Duvall, University of New Mexico

Matthew Fry, University of North Texas

Alberto Giordano, Texas State University

Jason Julian, Texas State University

Kent McGregor, University of North Texas

Jennifer Koch, University of Oklahoma

Maria Lane, University of New Mexico

Kent Mathewson, Louisiana State University

Laurel Smith, University of Oklahoma

Stephen Stadler, Oklahoma State University

John Wright, New Mexico State University

Michael Yoder, University of Central Arkansas

Moderators

Colleen Hiner, Texas State University

Julie Rice, Oklahoma City Community College

Matt Connolly, University of Central Arkansas

Judges

Amy Frazier, Oklahoma State University

Maria Lane, University of New Mexico

Chris Lippitt, University of New Mexico

Scorekeepers

Carol Campbell, New Mexico State University

Alberto Giordano, Texas State University

Chetan Tiwari, University of North Texas

Master Scorekeeper

Michaela Buenemann, New Mexico State University

2016 AAG World Geography Bowl

By Michaela Buenemann, SWAAG Chair, NMSU

For the first time in its history, SWAAG was able to send a team of regional GeoBowl winners to the national Geography Bowl. The SWAAG team at the 2016 AAG GeoBowl in San Francisco, CA was composed of the following individuals:

- Jason Ridgeway, Texas A&M University, Graduate Student
- Will Brewer, University of New Mexico, Graduate Student
- Alex Holland, University of Oklahoma, Undergraduate Student

- Trey Murphy, Texas A&M University, Graduate Student
- Emily Jean Ryan, University of Oklahoma, Undergraduate Student
- Swetha Peteru, Texas A&M University, Graduate Student

The SWAAG team started hot but was ultimately outcompeted by other teams. However, Jason Ridgeway had the 5th-highest personal score!

Each of the team members received \$283 from AAG/SWAAG funds for competing on behalf of SWAAG at the AAG GeoBowl.



2016 SWAAG GeoBowl Team: Trey Murphy, Jason Ridgeway, Swetha Peteru, Alex Holland, Emily Ryan, Will Brewer (from left to right).



Team members working out answers to a team question.

2016 SWAAG Meeting

By Murray Rice, SWAAG 2016 Organizing Committee Chair, University of North Texas



The Department of Geography and the Environment at the University of North Texas extends a hearty invitation for you to attend **SWAAG 2016** in Denton, Texas. Our meeting this year will run from **October 20 to 22** in the Courthouse Square district of Denton. The Courthouse Square conference location promises to offer a unique, stimulating, and fun place to meet and learn.



All conference information can be found at <http://swaag2016.info>. Information available and linked there includes:

- ✓ Call for sessions and presentations, including relevant dates and guidelines
- ✓ Student competition information and instructions
- ✓ Geography Bowl competition information

- ✓ Details on our conference session venues, located in close proximity to each other in and around Denton's historic Courthouse Square
- ✓ Conference hotel overview
- ✓ Field trips
- ✓ Exhibitor information

Please keep in mind that the **session proposal submission deadline is September 16**, the **abstract submission deadline is September 23**, and that all submissions will be completed using forms on our SWAAG 2016 website.

Meeting overview

Thursday, October 20: Registration (at UNT on the Square); Afternoon Paper and Panel Sessions (at our Courthouse Square session venues); GeoBowl

Friday, October 21: Registration (UNT on the Square); Morning and Afternoon Sessions (Courthouse Square venues); Lunch on Your Own (many unique and good eating places around the Courthouse Square); Evening Banquet featuring Award Presentations and a Keynote talk from [Dr. Derek Alderman](#), AAG Vice-President (at the UNT Environmental Education, Science, and Technology Building Atrium)

Saturday, October 22: Field Trips (all leaving from the UNT Environmental Education, Science, and Technology Building)

2016 SWAAG Student Competitions

By Matthew Fry, SWAAG Treasurer
University of North Texas

All students, both graduate and undergraduate, are encouraged to participate in the student paper and poster competitions at the SWAAG conference in Denton, TX. Note the submission deadline of 9 September at 5pm CST. For competition guidelines and instructions, visit: <http://www.sw-aag.org/student-competitions1.html>. All questions or inquiries should be sent to mfry@unt.edu.

SWAAG Election Results

By Darren Purcell, SWAAG Regional Councilor,
University of Oklahoma

Nominations to fill the entire slate of SWAAG offices were solicited at the 2015 SWAAG meeting and via email. SWAAG Chair Michaela Buenemann asked Darren Purcell to conduct the election as she was nominated for a second term as chair. A Survey Monkey poll of the membership via email was conducted and Laurel Smith (outgoing Secretary, University of Oklahoma) confirmed the results. The elected officers were Michaela Buenemann (New Mexico State) for a second term as Chair, Jason Julian (Texas State University) as Secretary, and in the contested Treasurer election between Emily Fekete (Oklahoma State) and Matt Fry (University of North Texas), Matt Fry was the victor.

The Southwestern Geographer

By John Tiefenbacher, Senior Editor of *The Southwestern Geographer*, Texas State University

The editors of [*The Southwestern Geographer*](#) would like to draw SWAAG members' attention to the articles that will be published (we anticipate that this will be by Labor Day) in this year's rolling volume of *The Southwestern Geographer*. Volume 19 (2016) includes:

Kelsey Calvez, Caroline Miller, Lauren Thomas, Delma Vazquez, and Jayme Walenta. "The University as a Site of Food Insecurity: Evaluating the Foodscape of Texas A&M University's Main Campus."

and

Brent C. Hedquist and Cody Barker. "Detecting and Mapping the Urban Heat Island in a Small South Texas City to Determine Heat Mitigation Strategies."

Please know that:

- Several manuscripts are in review or revision and the editors welcome all faculty, students, and interested friends to consider and encourage

new submissions at any time.

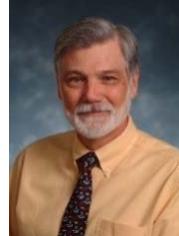
- The editors would like to thank those who have given their time to review submitted manuscripts, particularly when their reviews were turned around quickly and within the desired time-frames to enhance the speed to publication. Please encourage your colleagues to provide timely review if they agree to assist. Your help is very important for enhancing the quality of the journal and is very much appreciated by the editors.
- Comments on, advice about, and reaction to issues related to the *Southwestern Geographer* are always welcome. Please don't hesitate to contact either John Tiefenbacher (tief@txstate.edu) or Erik Prout (prout@geog.tamu.edu) with your thoughts.

Finally, the editors would like to reiterate their call for a colleague to join us: Drs. Erik Prout and John Tiefenbacher, the co-editors of *The Southwestern Geographer*, extend invitations for expressions of interest to serve as a co-editor of the journal. We invite faculty members of the Southwest Division of the American Association of Geographers (SWAAG) who may desire to assist with the processing of submitted manuscripts, the extending of invitations to review manuscripts, and the evaluation of reviews to contact us. The position will be filling our need for assistance to ensure that submissions are reviewed in a timely fashion and that accepted manuscripts be published quickly. The demands on time will be fairly minimal as the other editors will continue to share the load. Ideally, the additional co-editor (or co-editors) will be tenured faculty at a university within SWAAG, but outside of Texas (but others from Texas are invited as well); we desire to expand the editorial team to other areas of the division, as all past editors were employed in Texas during their periods of service. Co-editors may, eventually, desire to take over the operation of *The Southwestern Geographer*, but this is not a requirement. If interested or have any questions, please contact John Tiefenbacher (tief@txstate.edu).

SWAAG Retirements

SWAAG thanks the following geographers for their many contributions to our discipline and region.

Bob Bednarz, Texas A&M University



Dr. Bob Bednarz retired at the end of May 2016. He earned degrees from Dartmouth College, Northwestern University, and the University of Chicago. He was a faculty member at Northwestern from 1974 to 1978, after which he joined the geography department at Texas A&M University. He served as president of NCGE, editor of the Journal of Geography, and is currently the North American editor of the Journal of Geography in Higher Education. Bob was an active member of the A&M Faculty Senate and served as Speaker of the Senate during the 2009-10 academic year. He has published in numerous journals in the areas of urban geography, geographic education, and spatial thinking.

Sarah Bednarz, Texas A&M University



Sarah Witham Bednarz retired in August 2016 after a career in education in Texas spanning 38 years, primarily at Texas A&M since 1988. Sarah received her BA in Geography from Mount Holyoke College (1973), an M.A.T. in Geography Education from the University of Chicago (1974) and a PhD from Texas A&M (1992). She was active in the Texas Alliance for Geographic Education from its inception (1986) and numerous other efforts to improve the quality and quantity of geography education regionally, nationally, and internationally. Sarah served SWAAG in several leadership positions and is immediate past president of the American Association of Geographers.

Bob Larsen, Texas State University



Dr. Bob Larsen retired from Texas State Geography in January 2016. Bob began his career at Texas State in 1973. Over the years, he taught hundreds of students and served on 37 masters and 3 PhD committees.

Bob's contributions have been recognized multiple times at the campus, regional, and national levels. But perhaps

Bob's greatest achievement is the Government Partnerships Program, which Bob created in 2003 to provide assistance to government agencies and to help students bridge classroom knowledge to real world problem solving work. Over the eleven years Bob was the Director of the Government Partnerships Program, he helped more than 400 students gain real world experience, which for many students led to employment with their client agency. Bob's work with GPP has served the State of Texas and many of its communities, and has brought to the university over \$12 million in grants and contracts with a variety of local, state, and federal agencies.

Francisco Pérez, University of Texas-Austin



Dr. Francisco Pérez (PhD UC Berkeley 1985) retired from the University of Texas effective August 2016, after serving on the Geography and the Environment faculty as Professor for 30 years. Dr. Pérez's research interests include Mountain Geoecology, Vegetation Ecology, Soils, Alpine Geomorphology, and Biogeomorphology and he regularly taught courses in Physical Geography, Mountain Geoecology, Process Geomorphology, Vegetation Ecology, and Soils. Dr. Pérez has authored nearly 70 publications, which have appeared in various scientific journals of 20 countries of Europe, North America, and South America. Dr. Pérez will continue his research and writing, and we congratulate and wish him well in his retirement.

Jerry Reynolds, University of Central Arkansas



Dr. Jerry Reynolds, who after 32 years at UCA has retired. Jerry earned his PhD from Southern Illinois U. in 1984, but began in Forestry at Stephen F. Austin in the mid-'70s. He has taught 14 different courses over the years at UCA and always had a full, 4-course load every semester, often having four different preps in a semester.

Leo Zonn, University of Texas-Austin



Dr. Leo Zonn (PhD UW Milwaukee 1975) is retired from the University of Texas effective 2016, after serving on the Geography and the Environment faculty as Professor for 12 years. He has been on

the faculty of Arizona State University (1975-1986), East Carolina University (1986-1997), the University of North Carolina at Chapel Hill (1997-2004) and the University of Texas at Austin (2004-2016). He served 19 years as a department chair, with eleven years at ECU, five at UNC, and three at UT. Dr. Zonn regularly taught courses in social-cultural geography. His primary courses at UT were Frontiers in Geography (the senior capstone course), Cinematic Geographies, Contemporary Cultural Geography, and a first year seminar, "Re-presenting Los Angeles in the Media". In 2015, Dr. Zonn was awarded the Silver Spurs Teaching Fellowship Award by the College of Liberal Arts. Dr. Zonn's research covers issues of geographic representation as they occur within a variety of sites, from landscapes to popular media, but his special interest is in cinema. He will next be a Fulbright Scholar in Romania in AY 2016-17, and we congratulate and wish Dr. Zonn well in his retirement.

New Appointments

SWAAG welcomes the following geographers to new positions in our region.

Nicholas Bauch, University of Oklahoma



Dr. Nicholas Bauch is Assistant Professor of Geo-humanities in the Department of Geography and Environmental Sustainability at the University of Oklahoma. There he directs the J.B. Jackson Experimental Geography Studio. His publications include *Enchanting the Desert: A Pattern Language for the Production of Space* (Stanford University Press, 2016), and *A Geography of Digestion: Biotechnology and the Kellogg Cereal Enterprise* (University of California Press, 2017). He teaches courses in the department's geo-humanities track, focusing on culture, history, and urban processes. In his work he utilizes alternative media, including the digital, performative, and sculptural. He holds a PhD in Geography from UCLA, and was a post-doctoral scholar at Stanford University between 2010 and 2016.

Will Flatley, University of Central Arkansas



Dr. Will Flatley will be joining the University of Central Arkansas. His PhD was from Texas A&M (Geography) in 2012 and his Masters from Virginia Polytechnic Institute and State University (Forestry) in 2006. The past three

years he has had a Post-Doc with the School of Forestry, Northern Arizona University, where he is Principle Investigator working on "Linking forest landscape management and climate change to the conservation of riparian habitat in the Grand Canyon".

Eric Sarmiento, Texas State University



Dr. Eric Sarmiento was hired in our Urban Geography Tenure-Track Assistant Professor position. He received his PhD, in Geography, from Rutgers University in 2015 and his dissertation title is "The Local Food Movement and Urban

Redevelopment in Oklahoma City: Territory, Power, and Possibility." His teaching and research interests include urban development, political ecology, cultural geography, and economic geography.

Alexander Saveliev, Texas State University



Dr. Alexander (Sasha) Saveliev was hired in our Cartography Tenure-Track Assistant Professor position. He received his PhD in Geography from Pennsylvania State University in 2015 and his dissertation title is "Empirical Investigation of

Typographic Overprinting Displays and Their Legibility in the Context of Information and Geographic Visualization of Text." His teaching and research interests include Geovisual Analytics, Text Visualization, Big Data Visualization, Visual Cognition, and Web Cartography.

Christi Townsend, Texas State University



Dr. Christi Townsend (PhD 2012, Texas State University) was appointed to Senior Lecturer at Texas State University. Christi teaches courses in Research Methods and Physical

Geography. Her research interests include natural hazards and agriculture, particularly viticulture. She currently serves as President of the Wine, Beer, and Spirits Specialty Group of the AAG.

New Programs in SWAAG

Arkansas Tech University

Arkansas Tech University has a new degree: B.A. in Cultural and Geospatial Studies, that combines Geography and Anthropology, bridged by GIS.

Oklahoma State University

The Department of Geography at Oklahoma State University is excited to announce a new degree program: the Bachelor of Science in Geospatial Information Science. The BS in Geospatial Information Science addresses the growing demand for GISci professionals by providing students with a theoretical and applied foundation in the field. The program is especially relevant to students interested in cultural and natural resource management, agriculture, planning, and the environment and is closely tied to OSU Geography's growing interests in remote sensing and unmanned aerial vehicles as well as ongoing research focused on cultural and historical landscapes, communications, and transportation systems. The new degree program will be available in addition to the department's current offerings of a BA/BS program in Geography, an MS program in Geography, a PhD program in Geography, and a professional Certificate in Geographic Information Systems. For more information, contact Dr. Emily Fekete, Clinical Assistant Professor and Undergraduate Advisor at fekete@okstate.edu.



Tarleton State University

Tarleton State University received approval from the Texas A&M board of regents to start a new Geography/GIS Major here starting in Fall 2016. We will also be getting a new hire, for which we are currently conducting interviews.

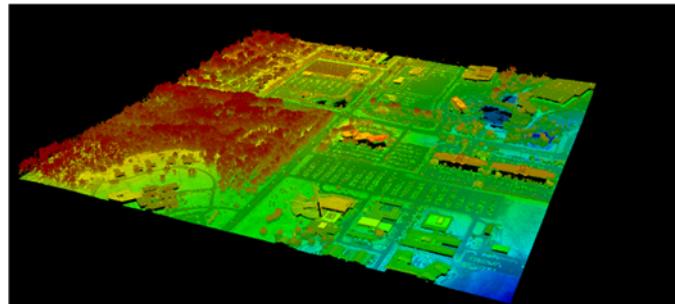
Texas Christian University



We are pleased to announce the creation of an independent, stand-alone Geography Department at Texas Christian University (TCU). TCU Geography was situated within the Department of History and Geography but growth in student enrollments necessitated the formation of an independent department. Approximately 12% of TCU's 8,600 undergraduate population enrolls in one of 28 sections of world regional geography courses offered annually and upper division courses are also popular. Many majors participate in field trips to Latin America and Western Europe, and present their undergraduate research in poster sessions at professional conferences such as the Annual Meeting of the AAG. We currently have 30 majors and offer both B.A. and B.S. degrees. TCU geography achieves a 100% success rate of placing our graduates into meaningful careers or graduate school. The teaching and research interests of our faculty include cultural and historical geography, urban geography, economic geography, applied geography, human-environment interaction, population, migration, and GIS. Regional specialties include Western Europe, Latin America, and North America. For more information, please visit <http://geography.tcu.edu/>.

University of Oklahoma (OU)

The Department of Geography and Environmental Sustainability at OU has added a Master of Science in Geography degree. The degree has two concentrations: Geospatial Technologies and Physical Geography. The department has also added a graduate certificate in geospatial technologies to help meet the increased demand for GIS professionals. This certificate program requires an additional 12 hours of coursework. Students interested in pursuing this certificate program must be currently enrolled in a graduate program at OU.



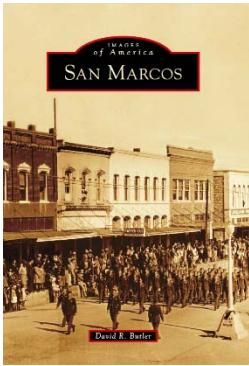
The Department of Geography and Environmental Sustainability has also added 'Geohumanities' as a new concentration to the BA in Geography. This concentration focuses on the link between geography and the humanities, specifically the way we imagine, design, understand and represent the lands and lives of everyday places. Students learn how others have used words (literature, stories, blogs), pictures (art, photography, tv, video, cinema), music, and maps to assign meaning to places.

University of Texas (UT)

The Bachelor of Arts degree in Sustainability Studies at UT Austin officially opened on 24 August 2016. The program will be housed in the Department of Geography and the Environment and degrees will be granted by the College of Liberal Arts, but the major is by necessity multidisciplinary, and relevant courses are offered by many schools, colleges, and departments across campus. As a major, Sustainability Studies involves understanding the multiple factors – environmental, societal, and ethical – involved in meeting this goal. Students will take courses in relevant topics and in addition select one of three tracks: Trajectories in Sustainability, Sustainable Choices in a Diverse World, or Natural Resource Management. The curriculum also includes an internship and a capstone experience. The major in Sustainability Studies will prepare undergraduates to engage in key problem-solving frameworks for addressing these interrelated economic, technological, and environmental challenges. Additional information can be found at <http://liberalarts.utexas.edu/geography/undergraduate/sustainability-studies.php>.

New Books around SWAAG

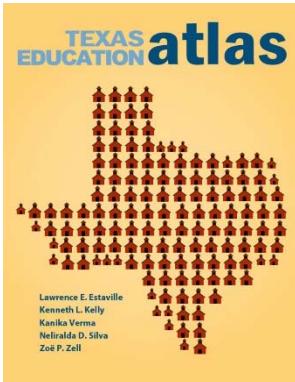
Images of America: San Marcos by David Butler, Texas State University (2016, Arcadia Publishing)



The town was designated the county seat of Hays County by the Texas legislature in 1848 and was formally laid out in 1851. A center for local commerce associated with cattle and cotton production, San Marcos became an educational center with the chartering in 1899 and subsequent opening in 1903 of the Southwest Texas State

Normal School. The normal school is now Texas State University, the fourth largest university in Texas with more than 36,000 students. This volume tells the story of a formerly sleepy college town on the edge of the Texas Hill Country that has become the fastest-growing city in the United States.

Texas Education Atlas by Lawrence Estaville et al., Texas State University (2016, Texas Atlas Project)



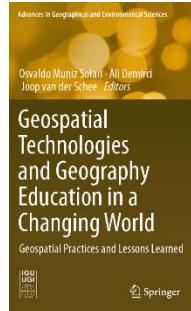
The *Texas Education Atlas*, the first of its kind, promotes evidence-based decision making through: (1) interactive visualizations, (2) a straightforward point-and-click interface for non-technical users, and (3) a Web-based system that enables policymakers, researchers, students, and

the general public the ability to explore quickly a myriad of data about education in Texas from kindergarten to university. The atlas is organized into five interactive mapping divisions, each with its own data set: (1) K-12 Snapshot, (2) K-12 School Districts, (3) Community Colleges (4) Public Universities, and (5) Private Universities. The data span the years 2004 to 2013, and the atlas has a time slider that allows for animation of the data through the period. A User Guide with Quick Start and a Tutorial Video accompany the atlas.

The *Texas Education Atlas* is free to the public at:
<http://www.geo.txstate.edu/research/texasatlas.html>.

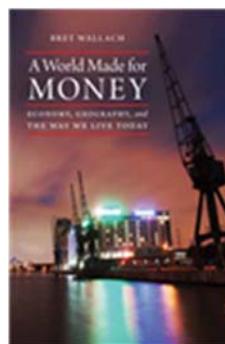
For more information about the *Texas Education Atlas* or the Texas Atlas Project, contact Lawrence Estaville at lestaville@txstate.edu.

Geospatial Technologies and Geography Education in a Changing World by Osvaldo Muniz Solari et al., Texas State University (2016, Springer)



This book is an initiative presented by the Commission on Geographical Education of the International Geographical Union. It focuses particularly on what has been learned from geospatial projects and research from the past decades of implementing geospatial technologies (GST) in formal and informal education. The objective of this publication is to inform an international audience of teachers, professionals, scholars, and policymakers about the state of the art and prospects of geospatial practices (GPs) as organized activities that use GST and lessons learned in relation to geographical education. GST make up an advanced body of knowledge developed by practitioners of geographic information systems (GIS), remote sensing (RS), global positioning systems, (GPS), and digital cartography (DC). GST have long been applied in many different sectors; however, their first use in higher education began in the early 1980s and then diffused to secondary schools during the 1990s. Starting with GIS and RS, it evolved into a much broader context, as GST expanded to include GPS and DC with new communication technologies and Internet applications. GST have been used around the world as a combination of tools and special techniques to make research, teaching, and learning more effective.

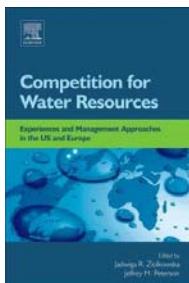
A World Made for Money: Economy, Geography, and the Way We Live Today by Bret Wallach, University of Oklahoma (2015, University of Nebraska Press)



A World Made for Money provides a compelling, condensed tour of our world. From Silicon Valley to Sri Lanka, from post-Soviet Russia to post-apartheid South Africa, Wallach looks at how human beings are buying, manufacturing, working, growing and shipping food, and accessing the natural resources to fuel it all. These essential facets of

daily life, propelled by the profit motive, represent a transnational force shaping our surroundings and environment in ways that may not always be beautiful (or even healthy) but that are fundamental to understanding how the world works in the twenty-first century. Wallach examines the relationship between acquisitiveness and landscape, reveals surprising contradictions and nuances, and provides fresh perspective on politically charged topics such as sprawl, deindustrialization, and agribusiness.

Competition for Water Resources: Experiences and Management Approaches in the US and Europe by Jadwiga Ziolkowska (and J.M. Peterson), University of Oklahoma (2016, Elsevier)



This book addresses the escalation of global issues regarding water scarcity and the necessary, cost-effective strategies that must be put in place in order to deal with escalating water crisis. The book evaluates use and competition for water resources in the U.S. and Europe, emphasizing the problems and challenges of dealing with tradeoffs in water. In addition, the book discusses water management strategies that can be used to optimize water use and allocation, mitigate water scarcity, and adapt to water scarcity. Supplementing the numerous case studies, the book includes lessons learned from applying specific strategies and approaches. This comprehensive overview and comparison of management practices across two continents is an invaluable resource for researchers, policymakers, and educators in water.

passionate about supporting and mentoring students are also very welcome to join. For more info, see: <http://community.aag.org/undergraduatestudentaffinitygroup/home>.

NCRGE designated as Research Coordination Network

The National Center for Research and Geographic Education (NCRGE) is a joint venture of Texas State University's Department of Geography's Grosvenor Center and the Association of American Geographers. The number of national and international geographic education departments and organizations that have joined the NCRGE now totals over forty, including in Europe and China. NCRGE was recently designated a Research Coordination Network (RCN) by the NSF. This is an extraordinary achievement, as it is only the second time in history that an entity affiliated with a geography department is designated as a RCN. The first, in the 1980s, was the National Center for Geographic Information and Analysis, which was instrumental in the diffusion and success of GIS not only in academia but also in the private and public sectors.

2015 DOI Environmental Achievement Award

The South Central Climate Science Center (SCCSC; co-directed by Dr. Renee McPherson from the Department of Geography and Environmental Sustainability at the University of Oklahoma) was awarded the 2015 Department of the Interior Environmental Achievement Award for "Climate Science and Partnerships--Increasing the Tribal Capacity for Climate Change Adaptation."



SCCSC team: Aparna Bamzai (OU, DGES PhD student), Kim Merryman (Chickasaw Nation), April Taylor (Chickasaw Nation), Dr. Mike Langston (USGS), Dr. Kim Winton (USGS), Renee McPherson (OU, DGES Associate Professor) [left to right].

Other News across the Region

New AAG Undergraduate Student Affinity Group

This group offers undergraduate students opportunities for networking and socializing, getting advice on graduate study and careers, and taking part in academic events. Undergraduate students from any college or university who are studying geography or closely related subjects are welcome to join. Faculty who have a strong involvement in undergraduate teaching and are

New Editor in Chief of Journal of Historical Geography



Andrew Sluyter (Louisiana State University, Geography & Anthropology) has been appointed the new Editor in Chief (for the Americas) of the *Journal of Historical Geography*.

CLAG 2017 in New Orleans

The Conference of Latin Americanist Geographers will meet in New Orleans, LA in January 2017.



Registration is open. Full conference details are at: clagconference.org.

TXGSRS 2017, Texas State University (TXST)

On March 24, 2017, the Department of Geography at TXST will host the Texas State Geography Student Research Symposium (TXGSRS), a free, student-led, one-day conference designed to celebrate and encourage geography students, both graduate and undergraduate, to present high quality research. The conference, with over 100 participants, includes paper sessions and presentations, posters, and other activities, including a Geo-Bowl. All students across the SWAAG region are welcome to attend, and limited funding is available to help support travel for students outside of central Texas. For more information, contact Sarah Blue (TXGSRS coordinator): sblue@txstate.edu.

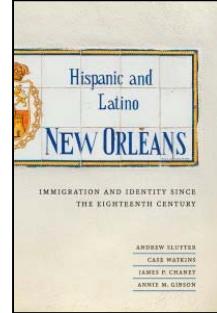
Binghamton Symposium 2017 in San Marcos, TX



Texas State University has been selected to host the 48th annual Binghamton Geomorphology Symposium in October 2017. This international conference brings together leading scholars in geomorphology and a themed topic. The topic of our symposium will be ***Resilience and Bio-Geomorphic Systems***. For more details, visit: <http://www.geo.txstate.edu/about/news/binghamton-symposium.html>.

Sluyter awarded J. B. Jackson Prize

The John Brinckerhoff Jackson Prize is awarded to a serious but popular book about the human geography of the contemporary United States that conveys the insights of professional geography in language that is interesting and attractive to a lay audience. This year's winner is *Hispanic and Latino New Orleans: Immigration and Identity since the Eighteenth Century* by Andrew Sluyter, Case Watkins, James P. Chaney, and Annie M. Gibson (2015, Louisiana State University Press). The four authors of this book seamlessly combined their expertise and varied perspectives to produce a well-written account of a little-known aspect of New Orleans' cultural and historical geography. Thanks to their careful study of census records, archival research, interviews, and other sources, we now know that Hispanic and Latino individuals and communities have been part of the city throughout its history. Previous assumptions about the basic similarities of Latino and Hispanic immigrants become much more nuanced in this study, as the authors explain the diversity of Spanish-speaking immigrants from Mexico, Latin America, South America, and the Caribbean – people who made distinct impressions on their respective neighborhoods and contributions to the city's rich culture. These immigrants' experiences also varied significantly depending on many factors, not least when they came. The book also contributes to the emerging literature on Hispanics in the South and the cultural diversity of Hispanic and Latino immigration from the period of early European contact up to the present.



Estaville receives 2016 AAG Enhancing Diversity Award



Dr. Lawrence Estaville was selected for the 2016 AAG Enhancing Diversity Award in recognition of his career-long dedication to championing greater inclusion of a wide range of minorities at various institutions and in the discipline of Geography. Dr. Estaville has served as a mentor and professionally active and creative leader, including developing a Geography Program at Clemson University, an MA Program CSU Fresno, and developing a lecture series focused on women and minorities in the 1980s and 1990s, not a common practice in those years.

At the AAG, he led the establishment of the AAG Ethnic Geography Specialty Group and participated in the AAG's inaugural Diversity Task Force, as well as co-authoring their final report. In addition, he has served on the Board of the Race, Ethnicity, Place Conferences, raising funds and contributing to their growing success. Dr. Estaville's career includes service to a range of diverse and underrepresented minorities, from teaching geography to dyslexic students early in his career, to hiring eight women into tenure-track positions at Texas State University, to mentoring numerous minority scholars of great talent, to publishing seminal works that address diversity in pedagogy and planning for university administrators and faculty.

IJAGR Call for Papers

The editor-in-chief of the *International Journal of Applied Geospatial Research* (IJAGR) is encouraging manuscript submissions for regular issues from across the physical, environmental, and human geographies. IJAGR is a double blind peer-reviewed journal specializing in studies from applied geography that interface with geographic information science and technology (GIS&T). IJAGR is indexed by Elsevier's Scopus, the world's largest citation and abstract database. This journal offers policy analysts, geospatial practitioners, and academicians studies exemplifying various application domains within applied geospatial research. Manuscripts can be uploaded to IGI Global's Journal Online Submission System. For more information visit IJAGR's website: www.igi-global.com/IJAGR or contact Donald P. Albert, editor-in-chief, *International Journal of Applied Geospatial Research*, Department of Geography and Geology, LDB #332, Sam Houston State University, 1900 Ave I, Huntsville, Texas 77341-2148, USA. Phone: 936-294-1453; E-mail: geo_dpa@shsu.edu.



SWAAG Necrology

SWAAG remembers the following geographers, who left us a legacy but left us too soon.

Karl Butzer



It is with heavy hearts that we note the passing of our colleague, teacher, mentor, and friend Dr. Karl W. Butzer on 4 May 2016. Dr. Butzer was the University of Texas Dickson Centennial Professor of Liberal Arts; Professor of Geography and the Environment; and a Member of the National Academy of Sciences, among many other honors. Our thoughts and prayers are with his wife and fellow UT scholar Elisabeth Butzer and their family.

This marked a transformative year in our discipline. We are all fortunate to be part of the arc of history, the joy and challenges of the present, and the promise of the future, and to know so many wonderful and remarkable people, and places, along that path. To honor Karl's journey, shared by all Geographers, I offer you Alexander von Humboldt's final words,

"How glorious these sunbeams are!" "They seem to call Earth to Heavens!" Von Humboldt passed away on 6 May 1859.

--Sheryl Luzzadder-Beach

Obituary: Karl W. Butzer, pre-eminent geographer, geo-archaeologist, cultural ecologist, environmental scientist, died May 4, 2016, in Austin, TX, at the age of 81. Karl Butzer was born in Muelheim-Ruhr, Germany. He emigrated with his parents and brother at the age of three as a Catholic refugee, residing first in England (1937-41) and then in Montreal, Canada (1941-55).

Culture and context through time were the focus of Butzer's life-long work. Changing environments signaled opportunities for people to adapt and survive. Understanding the issues, he posited, is dependent upon a complex tapestry of geography, archaeology, history, anthropology and climatology. His research opened up the fields of paleo-climatology, ecology, and archaeology.

Butzer's professional and extensive fieldwork took him too many faraway places, including Egypt, Nubia, South Africa and Namibia, Spain, Mexico, Australia, and Ethiopia. It was in East Africa (Ethiopia) where Karl established the age of modern humans' sites as older than one hundred thousand years, three times the age previously accepted, thus setting the stage for biomolecular studies proposing the "out of Africa" model of humanization.

Butzer received a B.Sc. (Honors) in Mathematics (1954) and a M.Sc. in Meteorology and Geography (1955) from McGill University, Montreal, and his doctorate in Physical Geography and Ancient History (1957) from University of Bonn, Germany. In Bonn, he met and married Elisabeth Schloesser, and together they set out on a journey that, over the course of the next five decades, took them to Madison, Wisconsin, Chicago, and Austin.

Karl taught at the University of Wisconsin (1959-66), ETH Zurich (1981-82) and was the Henry Schultz Professor of Environmental Archaeology at The University of Chicago (1966-84) before his appointment as Raymond Dixon Centennial Professor of Geography at The [University of Texas](#) (1984-2016). In 2005, he received an Outstanding Graduate Teaching Award of The University of Texas.

His fifteen books and monographs and more than 275 refereed scientific papers or chapters document his original, field-based studies. Some of his publications have been translated into Spanish, Catalan, Hungarian, French, Russian and Chinese. Karl authored at least one unpublished work, *Confessions of an Academic Cat*, replete with stories told by his cat, Scoobey.

Karl was the recipient of numerous awards across several disciplines, among them the Busk Medal of the Royal Geographical Society (1979), the Fryxell Medal of the Society for American Archaeology (1981); and was elected to both the American Academy of Arts and Sciences (1984) and the National Academy of Sciences (1996). In 2011, he was awarded an Honorary Doctorate from the University of Stirling, Scotland.

Those who knew Karl remember him as an astute observer (observational skills, he believed, are best honed not by endless repetition under similar parameters but by comparing and contrasting); a

challenger of the status quo; critical of favoritism and the privileged; and a champion of diversity and the "little guy," especially ethnic minorities. He loved Verdi and Puccini, as well as a good murder mystery. His children will always remember him as a genius Easter egg hider, a nurturer, and a gentle guide who encouraged them to explore the fascinating world around them.

Karl was a dedicated and loving husband, father and grandfather. He is survived by Elisabeth, his wife of 56 years, together with whom he researched, collaborated in the field and co-authored a number of publications; their four children; and seven grandchildren.

Brad Cullen



It is with great sadness that I pass along the news that our UNM colleague, Emeritus Professor Brad Cullen, passed away earlier this month. Brad was a consistently supportive and friendly colleague who played a critical role at UNM Geography & Environmental Studies in setting a tone of collegiality and advocating for

the department when its closure was under consideration. Brad had many friends throughout the discipline and in many countries. On behalf of the UNM Department of Geography & Environmental Studies, a memorial fund has been created to honor UNM Emeritus Professor Brad Cullen. The fund will be used to support graduate students in Geography at UNM and can be accessed via the UNM Foundation website:

<https://www.unmfund.org/fund/brad-cullen/>

Given Professor Cullen's long and active history with SWAAG, I'm sure many of you will want to contribute. I would also appreciate your help in forwarding this to colleagues who knew Brad but may not be on the SWAAG list or who have left the region.

--Maria Lane

Obituary: Bradley T. Cullen, 65, of Albuquerque, died unexpectedly on Saturday, June 4, 2016 in Auburn, California. A UNM professor emeritus, he had been teaching Geography on a part-time basis at Sierra College since January of this year.

Brad was raised in Portola, California, by his parents Nook and Adwina Ayoob Cullen, and after receiving his bachelor's degree at Chico State University and his master's at Miami of Ohio, earned a Ph.D. in Geography at Michigan State University. He moved to Albuquerque in 1979 as an assistant professor in the Department of Geography at the University of New Mexico, and retired as a full professor in May, 2014. He was active in the Association of American Geographers, the Applied Geography Conference, the Southwest Division of the AAG, and the International Geophysical Union. During his career at UNM, Brad served as department chair and was instrumental at one point in preserving the threatened UNM Geography program. Without his major contributions, the important department of today would be significantly poorer and might not even exist.

Brad enjoyed performances of the New Mexico Philharmonic Orchestra and the Santa Fe Opera, and in celebration of his birthday every year would treat his friends to a show at Popejoy. After his retirement Brad was most likely to be found reading shirtless on his tiny

front porch. He was a true dog lover, a keeper of the best treats, and many dogs in Albuquerque will miss dragging their owners over to him. Despite his fine cooking and legendary desserts, Brad also enjoyed eating out at places like Padilla's and Scalo. He rarely bothered to shift his Mini Cooper above second gear, regardless of his speed. Travel was one of Brad's consuming interests. He recently gained certification to teach English as a second language, and had been preparing to serve with the Peace Corps in Mongolia until his health required a change in plans.

He is survived by his older brother John and sister-in-law Lorraine Cullen of Fair Oaks, California, and his beloved nephews and their families: Aaron, Lesa, Kaylee, and Kaden Cullen of Fair Oaks, California, and Bret, Nina, Lea, and Tyler Cullen of Pleasanton, California. He will also be missed by his friends and colleagues, both in Albuquerque and elsewhere, who will never forget him. In addition, Brad leaves behind the legacy of the thousands of students over the years who experienced his dry and wonderful classroom humor and learned things about the world that throughout their lives will continue to make them better citizens of it.

SWAAG Budget (23 August 2016)

By Matthew Fry, SWAAG Treasurer, University of North Texas

Date	Description	Receipts	Disbursements	Balance
8/31/14	Balance forward			\$4,306.55
10/9/14	Collins - honorarium		(600.00)	3,706.55
10/29/14	Dunn - 2nd Place Grad Paper		(150.00)	3,556.55
10/29/14	McCollum - 1st Place Grad Paper		(200.00)	3,356.55
11/18/14	Heitmeier - 1st Place Undergrad Paper Award		(200.00)	3,156.55
11/18/14	Phooko - 1st Place Undergrad Poster Award		(100.00)	3,056.55
11/18/14	Ignac - 1st Place Undergrad Poster Award		(100.00)	2,956.55
11/18/14	Rice - Survey Monkey for elections		(26.00)	2,930.55
1/29/15	Smith - SWAGG domain renewal		(18.17)	2,912.38
2/5/15	Univ of New Mexico reimb to SWAAG	2,224.00		5,136.38
4/2/15	Motselebane - 1st Place Undergrad Poster Award		(100.00)	5,036.38
8/31/15	SWAGG capitation FYE 2015	1,500.00		6,536.38
8/31/15	BALANCE			6,536.38
8/31/15	Balance forward			\$6,536.38
11/16/15	Purcell - Reimbursement for SWAAG awards		(118.00)	6,418.38
11/17/15	Bova - 1st Place Undergrad Paper Award		(250.00)	6,168.38
11/17/15	Brewer - 2nd Place GeoBowl		(50.00)	6,118.38
11/17/15	Franks - 1st Place Poster Award		(125.00)	5,993.38
11/17/15	Holland - 1st Place Undergrad Poster Award		(125.00)	5,868.38
11/17/15	Holtzman - 2nd Place Graduate Poster Award		(100.00)	5,768.38
11/17/15	Ignac - 2nd Place Undergrad Paper Award		(100.00)	5,668.38
11/17/15	Kamarinas - 1st Place Graduate Poster Award		(250.00)	5,418.38
11/17/15	Kenny - 2nd Place Undergrad Poster Award		(100.00)	5,318.38
11/17/15	Lopez-Brody - 3RD Place Graduate Paper Award		(50.00)	5,268.38
11/17/15	Newcomer - 1st Place Graduate Paper Award		(250.00)	5,018.38
11/17/15	Ridgeway - 1St Place Geo Bowl Comp.		(100.00)	4,918.38
11/17/15	Sims - 3rd Place Undergrad Paper Award		(50.00)	4,868.38
11/17/15	Teng - 3rd Place Graduate Poster Award		(50.00)	4,818.38
11/17/15	Vaughn - 3rd Place Geo Bowl Comp.		(25.00)	4,793.38

11/17/15	Zhang - 2nd Place Graduate Paper Award		(100.00)	4,693.38
12/21/15	NMSU - Reimbursment for T-Shirts		(922.00)	3,771.38
12/18/15	60S: TX State wire for reg div income (t-shirts, geobowl)	991.00		4,762.38
12/29/15	Go Daddy Domain renewal		(18.17)	4,744.21
2/22/16	TX State payment for Registrations	1,075.00		5,819.21
2/24/16	Buenemann - Weebly renewal		(49.00)	5,770.21
3/21/16	Conley, J. - WGB buzzers for AM2016		(136.50)	5,633.71
4/13/16	Transfer to RD for WGB 2016	850.00		6,483.71
4/13/16	Ridgeway - WGB 2016		(288.33)	6,195.38
4/13/16	Brewer - WGB 2016		(283.33)	5,912.05
4/13/16	Holland - WGB 2016		(283.33)	5,628.72
4/13/16	Murphy - WGB 2016		(283.33)	5,345.39
4/13/16	Ryan - WGB 2016		(283.33)	5,062.06
4/13/16	Peteru - WBG 2016		(283.33)	4,778.73
7/1/16	Sims - 19954 void check never cashed - reissue	50.00		4,828.73
7/31/16	BALANCE			4,828.73