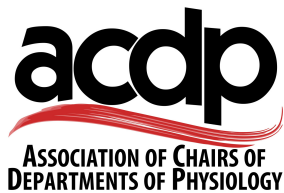


ASSOCIATION OF CHAIRS OF
DEPARTMENTS OF PHYSIOLOGY

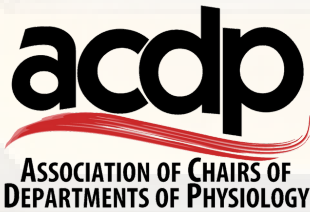
LEADERSHIP RETREAT 2019



DECEMBER 5-8, 2019
HOTEL CASA SANTO DOMINGO
ANTIGUA, GUATEMALA



Patricia E. Molina, MD, PhD
President, ACDP
Professor and Chair,
Department of Physiology
Director, Alcohol and Drug
Abuse Center of Excellence
LSU Health New Orleans



Bienvenidos a Antigua Guatemala!

A UNESCO (1979) designated World Cultural Heritage Site. I am pleased and honored to host the 2019 annual ACDP Leadership Retreat! I trust you will enjoy Casa Santo Domingo. In the 17th century, the Convent of Santo Domingo was one of the largest in America and in 1773, the earthquake of Santa Marta almost destroyed it. Hotel Museum Spa Casa Santo Domingo is the result of efforts to rescue the vestiges of the convent and temple buried under the rubble. I invite you to walk around and explore, and prepare to find warmth and kindness in every person you encounter.

As you may have gathered, several changes were made to the format of this year's retreat. The ACDP Distinguished Service Award is presented to Gary Sieck, who has played many roles in our society, serving as president of APS and ACDP and Editor of Physiology among many others. John Hall is being honored with the Guyton Award and will share how he has grown his research enterprise into a translational approach to the study of physiological mechanisms underlying obesity, hypertension, and diabetes. Rather than one having one "New Chair Talk," I challenged four new chairs to deliver TED Talks, expanding the opportunity to get to know them better. Two distinguished speakers will address our group. David Eisner, past President of The Physiological Society will deliver a seminar focused on his cardiovascular research. Nora Volkow, NIDA Director, will speak to us (no slides!) about the challenges in addressing the opioid crisis and how we physiologists can contribute to the science behind consequences and treatment.

There will be three workshops designed to trigger conversation, to elicit ideas, and to inform each other on how the issues we face at our institutions shape our approach. We will also hear from Executive Director Scott Steen about what is new at APS, and Curt Sigmund will announce the launch of the new APS journal, *Function*. Finally, to seal this event, we have a night of dancing that is not to be missed!

So, Gracias for coming. Enjoy the magic. Meet your colleagues. Return to your work invigorated!

Your host,

A handwritten signature in black ink that reads "Patricia". The signature is written in a cursive, flowing style.

THURSDAY DECEMBER 5

- 1:00–4:30 PM REGISTRATION / [Sala Marco Augusto Quiroa](#)
- 3:00–4:30 PM ACDP COUNCIL MEETING (ACDP officers only) / [Atrio 4](#)
- 4:30–6:30 PM WELCOME & INTRODUCTIONS (all registered participants invited) / [Atrio 3](#)
TED Talks by New Chairs
Chair: Janice Urban, PhD, Professor and Chair, Department of Physiology and Biophysics, Rosalind Franklin University of Medicine and Science

Merry Lindsey, PhD, Professor and Chair, Department of Cellular and Integrative Physiology, University of Nebraska Medical Center

Santiago Schnell, DPhil (Oxon), FRSC, Professor of Physiology and Computational Medicine & Bioinformatics and Interim Chair, Department of Molecular and Integrative Physiology, University of Michigan Medical School

Nancy Carrasco, MD, Professor and Chair, Department of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine

David Mattson, PhD, Professor and Chair, Medical College of Georgia, Augusta University
- 6:30–7:30 PM COCKTAILS & NETWORKING (all registered participants invited) / [Sala Marco Augusto Quiroa](#)
- 7:30–9:30 PM DISTINGUISHED SERVICE LECTURE & DINNER (all registered participants invited) / [Atrio 3](#)
Gary Sieck, PhD, Professor, Department of Physiology & Biomedical Engineering and Distinguished Mayo Investigator, Mayo Clinic

FRIDAY DECEMBER 6

- 7:00–8:00 AM BREAKFAST & NETWORKING / [El Refectorio \(Hotel Resaturant\)](#)
- 8:00–9:00 AM SCIENTIFIC TALK / [Atrio 3](#)
David Eisner, DPhil, Professor of Cardiac Physiology, Division of Cardiovascular Sciences, University of Manchester
- 9:00–10:15 AM WORKSHOP I: PHYSIOLOGISTS AS PILLARS OF INSTITUTIONAL STRENGTHS / [Atrio 3](#)
Interactive Discussion: Physiologists Lead Initiatives that Place the Discipline Front and Center
Chair: Marlene Wilson, PhD, Professor and Chair, Department of Pharmacology, Physiology, and Neuroscience, University of South Carolina School of Medicine

Christopher Hardin, PhD, Professor and Chair, Department of Nutrition and Exercise Physiology University of Missouri

Santiago Schnell, DPhil (Oxon), FRSC, Professor of Physiology and Computational Medicine & Bioinformatics and Interim Chair, Department of Molecular and Integrative Physiology, University of Michigan Medical School

10:15–10:30 AM	COFFEE BREAK
10:30–11:30 AM	<p>GUYTON AWARD LECTURE / Atrio 3</p> <p>John Hall, PhD, Professor and Chair, Department of Physiology and Biophysics, University of Mississippi Medical Center</p>
11:30 AM–12:15 PM	<p>BUSINESS MEETING II / Atrio 3</p> <p><i>Patricia Molina, MD, PhD, Professor and Chair, Department of Physiology, LSU Health New Orleans</i></p> <ul style="list-style-type: none"> • Award & Officer Nominations Melinda Lowy, Executive Assistant, ACDP • Financial Report Elsa Mangiarua, PhD, Professor, Department of Biological Sciences, Marshall University School of Medicine • CFAS Report Nicholas Delamere, PhD, Professor and Chair, Department of Physiology, University of Arizona • Update Physiology Major Interest Group T. Richard Nichols, PhD, Professor, School of Biological Sciences, Georgia Institute of Technology • Survey Restructure Y.S. Prakash, MD, PhD, Professor of Anesthesiology and Physiology and Chair, Department of Physiology & Biomedical Engineering, Mayo Clinic <p>LUNCH ON YOUR OWN & FREE AFTERNOON (<i>except Antigua Forum speakers</i>)</p>

ANTIGUA FORUM:

12:30–1:30 PM	PRECURSORY LUNCH / Jardin de las Guacamayas
1:30–4:20 PM	<p>PHYSIOLOGY UPDATES FOR PHYSICIANS IN TRAINING / Atrio 3</p> <p><i>Chairs: Patricia Molina, MD, PhD, LSU Health New Orleans & Lucrecia Hernandez, MD, PhD, Universidad Francisco Marroquín</i></p>
1:30–1:50 PM	<p>Pathophysiology of Lymphatic Function David Zawieja, PhD, Professor and Director, Division of Lymphatic Biology, Department of Medical Physiology, Texas A&M Health Science Center</p>
2:00–2:20 PM	<p>Measurement in Life Sciences and Medicine: Thinking Quantitatively in the Biomedical Sciences Santiago Schnell, DPhil (Oxon), FRSC, Professor of Physiology and Computational Medicine & Bioinformatics and Interim Chair, Department of Molecular and Integrative Physiology, University of Michigan Medical School</p>
2:30–2:50 PM	<p>The Sodium/Iodide Symporter (NIS): From the Patient to Molecule and Back Nancy Carrasco, MD, Professor and Chair, Department of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine</p>
3:00–3:20 PM	<p>The Vestibular System and the Control of Blood Pressure T. Richard Nichols, PhD, Professor, School of Biological Sciences, Georgia Institute of Technology</p>
3:30–3:50 PM	<p>Premature Birth and How Clinicians Contribute to Pediatric Asthma Y.S. Prakash, MD, PhD, Professor of Anesthesiology and Physiology and Chair, Department of Physiology & Biomedical Engineering, Mayo Clinic</p>
4:00–4:20 PM	<p>Neural Control of Respiration Diego Alvarez, MD, PhD, Associate Professor and Chair, Department of Physiology and Pharmacology, Sam Houston State University</p>

6:30–9:30 PM

THINKING OUT OF THE BOX & DINNER UNDER THE STARS / [Jardin de las Guacamayas](#)
Nora Volkow, MD, Director, National Institute on Drug Abuse (NIDA), National Institutes of Health

SATURDAY DECEMBER 7

7:00–8:00 AM

BREAKFAST & NETWORKING / [El Refectorio \(Hotel Resaturant\)](#)

8:00–9:30 AM

WORKSHOP II: BUILDING BRIDGES / [Atrio 3](#)

Interactive Discussion: Physiologists Invigorating Research and Engaging Collaborations

Chair: Toni Pak, PhD, Professor and Chair, Department of Cell and Molecular Physiology, Loyola University Chicago Health Science Division, Stritch School of Medicine

Dale Buck Hales, PhD, Professor and Chair, Department of Physiology, Southern Illinois University Carbondale

Gaylen Edwards, DVM, PhD, Professor and Chair, Department of Physiology and Pharmacology, University of Georgia College of Veterinary Medicine

Charles Lee Cox, PhD, Professor and Chair, Department of Physiology, Michigan State University

9:30–10:00 AM

BUSINESS MEETING II (all present) / [Atrio 3](#)

Election of 2020 ACDP Officers

10:00–10:15 AM

COFFEE BREAK

10:15–10:45 AM

LOOKING TO THE FUTURE OF APS / [Atrio 3](#)

Scott Steen CAE, FASAE, Executive Director, American Physiological Society

Launch of *Function*

Curt Sigmund, PhD, Professor and Chair, Department of Physiology, Medical College of Wisconsin

10:45 AM–12:30 PM

WORKSHOP III: LEADING PHYSIOLOGY TRAINING / [Atrio 3](#)

Chair: Elsa Mangiarua, PhD, Professor, Department of Biological Sciences, Marshall University School of Medicine

Medical Physiology; Survival of a Traditional Course

John Hall, PhD, Professor and Chair, Department of Physiology and Biophysics, University of Mississippi Medical Center

Undergraduate Physiology; What Lies Ahead

T. Richard Nichols, PhD, Professor, School of Biological Sciences, Georgia Institute of Technology

Innovative Degree-Confering Physiology Programs

Jan Kitajewski, PhD, Professor and Chair, Department of Physiology and Biophysics, University of Illinois at Chicago

12:30 PM

LUNCH ON YOUR OWN & FREE AFTERNOON

6:30–10:00 PM

CLAUSURA / [Plaza del Atrio & Atrio 1](#)

Cocktails, Dinner, & *Dancing Extravaganza* (cocktail attire)

SUNDAY DECEMBER 8

8:00-11:00 AM

DEBRIEFING & NETWORKING BREAKFAST / [El Refectorio \(Hotel Resaturant\)](#)

*Created by Rebecca Gonzales
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Association of Chairs of Departments of Physiology
Physiology Programs Leadership Retreat 2019 Attendees
December 5-8, 2019
Hotel Casa Santo Domingo
Antigua, Guatemala



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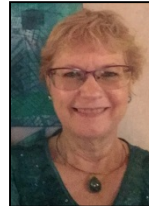
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SPEAKER BIOGRAPHIES

DISTINGUISHED SERVICE AWARD LECTURER



Gary Sieck, PhD

Mayo Clinic

Dr. Gary C. Sieck is the Vernon F. and Earline D. Dale Professor of Physiology & Biomedical Engineering at the Mayo Clinic and a Mayo Distinguished Investigator. He served as Chair of the Department of Physiology and Biomedical Engineering from 2002 to 2014, Dean for Research Academic Affairs from 2006 to 2012, and Director of the Biomedical Engineering Program in the Mayo Graduate School from 2001 to 2013. Dr. Sieck received a PhD. in Physiology and Biophysics from the University of Nebraska Medical Center in 1976. He then completed postdoctoral training in Neurophysiology at UCLA in 1979, where he continued as a faculty member in the Department of Anatomy and Cell Biology. In 1987, Dr. Sieck joined the faculty in the Department of Biomedical Engineering at the University of Southern California where he remained until 1990 when he moved to Mayo Clinic. Dr. Sieck served as President of the American Physiological Society (2010) and President of the Association of Chairs of Departments of Physiology (2011). Dr. Sieck's research focuses on the neural control of respiratory muscles including the diaphragm and airway smooth muscle. He has published more than 409 peer-reviewed papers. Dr. Sieck's research has been continuously funded by multiple grants from the NIH since 1981. Dr. Sieck served as Editor-in-Chief of the *Journal of Applied Physiology* from 1999 to 2005, and he is currently Editor-in-Chief of *Physiology*, Topic Editor for *Comprehensive Physiology*, and Associate Editor for *FASEB BioAdvances*. Dr. Sieck has also served on several study sections at the NIH, the Veterans Administration Merit Review Board, the NSF, and other granting institutions. Over the years, he has received numerous awards and honors for scientific distinction. At Mayo, he was recognized as a Mayo Distinguished Investigator and awarded a named endowed professorship. Dr. Sieck has mentored 63 PhD graduate students (23 as major advisor), 76 postdoctoral fellows, 26 junior faculty members, and 22 visiting scientists.

ARTHUR C. GUYTON AWARD LECTURER



John Hall, PhD

University of Mississippi Medical Center

Dr. John E. Hall is the Arthur C. Guyton Professor and Chair of Physiology and Biophysics, Founding Director of the Mississippi Center for Obesity Research, and Director of the Center of Biomedical Research Excellence in Cardiorenal and Metabolic Diseases at the University of Mississippi Medical Center (UMMC). Hall received a BS at Kent State University, a PhD in physiology at Michigan State University, and postdoctoral training at UMMC before joining the faculty in 1975 and succeeding Arthur Guyton as chair in 1989. Dr. Hall's major research interests include cardiovascular and renal physiology, mechanisms of hypertension, obesity, and metabolic disorders. His research has been funded continuously from NHLBI since 1975, and he has been Director of an NIH Program Project grant since 1988. He has authored or co-authored over 600 publications and has written or edited 24 books, including the *Textbook of Medical Physiology*. He is former Editor-in-Chief of *Hypertension* and *The American Journal of Physiology: Regulatory, Integrative and Comparative Physiology*. Dr. Hall previously served as President of the American Physiological Society (APS) and the Inter-American Society of Hypertension (ASH), Chair of the Committee of Scientific Councils AHA and Chair of the Council for High Blood Pressure Research. He also has served on the Executive Committees of the American Society Hypertension, International Society of Hypertension, International Union of Physiological Sciences, and National Board of Directors of the AHA. Dr. Hall has mentored over 150 successful postdoctoral fellows, graduate students, and medical student researchers. He has received several awards for teaching excellence, including "All Star Professor" and "Basic Science Professor of the Year" selected by the medical student body and he was inducted into the Norman C. Nelson Order for Teaching Excellence at UMMC.

KEYNOTE SPEAKERS



David Eisner, DPhil

University of Manchester

Dr. David Eisner is the British Heart Foundation Professor of Cardiac Physiology at the University of Manchester. Dr. Eisner received his BA (Natural Sciences) from Cambridge and DPhil (Physiology) from Oxford. His early research focused on the regulation of intracellular sodium in cardiac muscle and the effects on contraction. He then investigated the control of intracellular calcium concentration and its role in the production of arrhythmias. He has worked extensively on the factors that regulate the calcium content of the sarcoplasmic reticulum and how this is altered in disease. His most recent work has been concerned with the regulation of diastolic calcium concentration. He has been President of The Physiological Society and The Federation of European Physiological Societies. He has served as Editor-in-Chief of *The Journal of Molecular and Cellular Cardiology* and *The Journal of Physiology* and from January 2020 will be Editor-in-Chief of *The Journal of General Physiology*.



Nora Volkow, MD

National Institute on Drug Abuse (NIDA), National Institutes of Health

Dr. Nora Volkow is currently Director of the National Institute on Drug Abuse at the NIH. Over the past 30 years, she has published more than 770 peer-reviewed articles, more than 95 book chapters, edited four books on brain imaging and addiction and co-edited an Encyclopedia on Neuroscience. She has received multiple awards including membership in the National Academy of Medicine in 2000, the International Prize for Science from the French Institute of Health and Medical Research in 2009. She was named one of *Time* magazine's "Top 100 People Who Shape Our World," "One of 20 People to Watch," by *Newsweek* magazine, and "Innovator of the Year" by *U.S. News & World Report*. Her work as a researcher and as a leader has been instrumental in transforming the paradigm of drug addiction from that of a behavioral choice to that of a treatable brain disease.



Scott Steen CAE, FASAE

American Physiological Society (APS)

Mr. Scott Steen was appointed as the executive director of the American Physiological Society in July of 2018. A global multidisciplinary community of scientists solving the major problems affecting life and health, APS was the first biomedical sciences society in the U.S. Previously, Steen served as the President and CEO of American Forests, the nation's oldest conservation organization. During his tenure, membership tripled, the organization launched several new, high profile initiatives, and operating revenue nearly doubled. The organization also received recognition in such outlets as *The New York Times*, *USA Today*, *The Washington Post*, *NatGeo Weekend*, and *NPR*, and was named one of the best run nonprofits in the country by *Outside Magazine*. Prior to joining American Forests, Steen was executive director of the American Ceramic Society (ACerS), a technical society whose members work at the frontiers of materials science in environmental technologies, alternative energy, space exploration, and biomaterials. Under his leadership, the Society created new peer-reviewed journals, significantly expanded its meetings program, introduced several new member benefits, and grew membership and revenue. Before that, Steen was chief knowledge and strategy officer at the American Society of Association Executives (ASAE), and chief operating officer of the Center for Association Leadership. He is a Certified Association Executive (CAE) and a fellow of ASAE, an honor granted to fewer than one percent of its members.

PANELISTS: PHYSIOLOGY UPDATES FOR PHYSICIANS IN TRAINING FORUM

Diego Alvarez, MD, PhD is the founding Chair of the Department of Physiology and Pharmacology in the College of Osteopathic Medicine at Sam Houston State University. Dr. Alvarez obtained his MD degree from la Universidad Libre in Cali, Colombia (1994) and his PhD degree from The University of South Alabama in Mobile, AL (2005). He studies inflammatory stress responses in endothelial cells with an internationally recognized research program sponsored by several funding organizations including the National Institutes of Health. Dr. Alvarez has contributed to discover mechanisms regulating lung endothelial permeability (pulmonary edema) and to broad the understanding between inflammation and cardiovascular diseases in the setting of obesity and diabetes.

Nancy Carrasco, MD is a professor in, and the chair of, the Department of Molecular Physiology and Biophysics at Vanderbilt University, which she joined in 2019. She obtained her MD and Master's in Biochemistry from the National Autonomous University of Mexico in her native Mexico City. Dr. Carrasco did her postdoctoral work at the Roche Institute of Molecular Biology in New Jersey, for which she received a Fogarty International Fellowship. Following her appointment as a faculty member at Albert Einstein College of Medicine, she cloned the sodium/iodide symporter (NIS), a breakthrough in thyroid pathophysiology with ramifications for many other fields, including structure/function of transport proteins, gene transfer studies, and public health (she has served on the EPA's Science Advisory Board). Dr. Carrasco, a 1989 Pew scholar, has received numerous scientific awards, including the Arnold and Mabel Beckman Foundation Award; the Maria Sibylla Merian Award (Essen, Germany); the Merck Prize, from the European Thyroid Association (Poland); the Rose Pitt-Rivers Lectureship at the British Endocrine Society Meeting (Scotland); the Noun Shavit Award (Israel); the Marshall S. Horwitz Faculty Prize for Research Excellence; and the Light of Life Award. She has served as president of the Society of Latin American Biophysicists. Dr. Carrasco was elected to the National Academy of Sciences in 2015.

T. Richard Nichols, PhD is currently a professor in the School of Biological Sciences at Georgia Tech. He received a PhD in Physiology from Harvard Medical School. He was a member of the physiology faculty at Emory University for 24 years, eventually serving as interim chair. He then became the chair of the School of Applied Physiology at Georgia Institute of Technology until the merger of his department with the School of Biology. His research interests include the role of sensory feedback from muscle spindle receptors and Golgi tendon organs in motor coordination, and spinal cord injury.

Y.S. Prakash, MD, PhD is a physician-scientist at Mayo where he has been for almost 30 years. He has a background in Electrical and Biomedical Engineering, Physiology, and Anesthesiology. He is a named Clinician-Investigator at Mayo who distributes efforts between research, administration and clinical practice in the operating room. He directs a longstanding NIH-funded program in lung disease research, focused on pathophysiology of neonatal wheezing, asthma, and pulmonary vascular disease, exploring the roles of inflammation, environmental factors, and life events from prematurity through aging. His lab is funded by multiple R01s from the US NIH and intramural grants. Dr. Prakash has published over 200 papers. He is Editor-in-Chief of *Comprehensive Physiology*, Associate Editor of *American Journal of Physiology: Lung Cellular and Molecular Physiology*, Chair of the NIH LCMI study section, and is active in and APS, American Society of Anesthesiologists, Association of University Anesthesiologists, and American Thoracic Society. He is a member of Alpha Omega Alpha (AOA), American Society for Clinical Investigation (ASCI), AUA, and Academy of Research Mentors of the Foundation for Anesthesia Education and Research. Dr. Prakash has mentored more than 100 individuals from undergraduate students through junior faculty. Dr. Prakash works under the motto "You Are Only as Good as the People You Work with" and has been fortunate to host outstanding trainees and co-workers that enrich his life. Dr. Prakash lives in Elgin Minnesota with his wife and colleague Prof. Christina Pabelick, MD who is a pediatric anesthesiologist and NIH-funded lung researcher also at Mayo. In the spare time allowed by the many cats who control their lives, Dr. Prakash and Dr. Pabelick love to travel.

Santiago Schnell, DPhil (Oxon), FRSC is Interim Chair of the Department of Molecular & Integrative Physiology, John A. Jacquez Collegiate Professor of Physiology, and Professor of Computational Medicine & Bioinformatics in the University of Michigan Medical School. He earned his undergraduate degree in biology from Universidad Simón Bolívar (Venezuela), and then his doctorate degree in mathematical biology from the University of Oxford (United Kingdom) in 2002. Dr. Schnell held two prestigious research positions at the University of Oxford between 2002-2004: Junior Research Fellow at Christ Church (a college of Oxford) and Senior Research Fellow of the Wellcome Trust at the Wolfson Centre for Mathematical Biology. He was appointed as an assistant professor at Indiana University in 2004 and joined the faculty at the University of Michigan in 2008. Dr. Schnell's research group combines chemical kinetics with mathematical, statistical, and computation methods to develop rigorous approaches to measure the rates of biochemical reactions and distinguish their molecular mechanisms under physiological conditions. His primary focus is developing standard-based approaches to investigate and measure the rates of enzyme catalyzed reactions. He is Fellow of the Royal Society of Chemistry, the American Association for the Advancement of Science, the Society for Mathematical Biology, and the Latin American Academy of Sciences. He is also a US National Academy of Medicine Emerging Leader in Health and Medicine. Dr. Schnell has remained funded by external and internal sources throughout his career.

David Zawieja, PhD is the Regents Professor and Chair of Medical Physiology and Director of the Division of Lymphatic Biology in the College of Medicine at Texas A&M University. He earned his BS in Biology/Chemistry/Population Dynamics in 1978 from the University of Wisconsin-Green Bay and his PhD in Physiology in 1986 from the Medical College of Wisconsin. Dr. Zawieja's research interests include the control and regulation of fluid and macromolecular exchange and transport throughout the three microcirculatory compartments: the microvascular compartment, the interstitial compartment, and the lymphatic compartment. Research in his lab is funded by the NIH, NSF, NASA, AHA, and other foundations.



AGENDA
ACDP Business Meeting I

(General membership)

December 6, 2019
11:30 AM–12:15 PM

- I. **Call to order**
- II. **Approval of 2019 draft meeting minutes**
- III. **Call for names for 2020 Guyton Award Lectureship**
Submit nominations to Lee Cox, Toni Pak or Buck Hales
- IV. **Call for names for 2020 Distinguished Service Awardee**
Submit nominations to Buck Hales
- V. **Call for nominations for officer positions (President, Secretary-Treasurer Councilors)**
- VI. **Financial Report (Mangiarua)**
- VII. **CFAS Update (Delamere/Schnell)**
- VIII. **Update on undergraduate education in physiology working group (Nichols)**
- IX. **New Business**
 - a. **New ACDP Website**
ACDP will no longer be hosted by APS. A new company will be identified and the content moved by the end of February
 - b. **Changes to ACDP Space and Budget Survey**

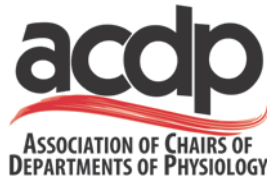


AGENDA
ACDP Business Meeting II

(General membership)

December 7, 2019
9:30–10:00 AM

- I. Call to re-convene**
- II. Election of 2019-2020 Officers**
- III. 2020 ACDP Meeting Plans (Buck Hales)**
- IV. Adjournment**



**Association of Chairs of Departments of Physiology
Leadership Retreat
Cancún, Mexico
November 29-December 2, 2018**

**ACDP Business Meeting I
Minutes**

I. Call to Order

The Business Meeting was convened by President Janice H. Urban at 10:21 am on November 30, 2018.

II. Approval of 2017 Draft Meeting Minutes

The minutes from the 2017 Business Meetings were unanimously approved as submitted.

III. Call for names for 2019 Guyton Award Lectureship

Urban requested nominations from the membership for the 2019 Arthur C. Guyton, Jr. Distinguished Award Lectureship. Any nominations should be sent to President-elect Patricia Molina or second-year Councilors Walter Boron and Gaylen Edwards for consideration.

IV. Call for names for 2019 Distinguished Service Awardee

Urban also requested that any nominations for the 2019 ACDP Distinguished Service Award be submitted to Molina for her consideration.

V. Call for Nominations for Officer Positions

A call was made for nominations for President-elect, two open Councilor positions and two open CFAS Representative positions. Urban informed the Membership that R. Clinton Webb was no longer chair and therefore someone will be needed to fill out his term. Nicholas Delamere's term is up but he is willing to serve another term. The membership was reminded that the nominees for President need to have previously served on Council as either Councilors or Secretary-Treasurer. The deadline for nominations is Saturday by 10:30 am.

VI. Financial Report

The financial report was presented by Secretary-Treasurer Elsa Mangiarua, which compared the 2018 year-to-date budget numbers (as of 9/30/18) compared with 2017 at the same point in time. Mangiarua noted that ACDP remains in good shape financially. At this point in the year, the budget is showing a decrease of \$1,696. Meeting costs are not included yet because the travel agency was used. Membership dues are down by \$3,750; several additional payments have come in since the report so that number will be higher. As in previous years, ACDP Connect was used to send out the first two notices. Direct email was used for the remainders of the notices. That will continue to be done for future years. Travel expenses were one-third of last year because both the President and President-elect conducted site visits for their meetings in 2017, whereas there was only one this year and the hotel was complimentary. The Awards budget decreased this year because the donation to support Physiology Majors Interest Group meeting was pulled out into a separate category. Although expenses were decreased by \$3,3788, with the decrease in revenue, that lead to the small decrease in overall budget to date.

VII. Revised ACDP Constitution and Bylaws

Urban presented the revised ACDP Constitution Bylaws to the membership. Several suggestions were made for other changes. With the acceptance of those changes, the members at the meeting voted to approve the revised Constitution and Bylaws. Urban will incorporate the changes and post the revised versions on the ACDP Connect site and call for a vote by the entire membership.

VIII. CFAS Update

Delamere is the current ACDP representative to the Council of Faculty and Academic Societies (CFAS) of the AAMC. Gary Sieck (Mayo Clinic), who normally attends the ACDP meeting, is one of the two APS representatives. CFAS was created in July 2013 and was formerly known as the Council of Academic Societies until it was opened to include two representatives from each of the 150 medical schools as appointed by the Deans. This was to ensure that faculty would be represented directly as initially envisioned. One of the faculty representatives is supposed to be a senior faculty member (professor, chair) and the second a newer faculty member within 10 years of appointment. However, it appears as though most Deans continue to appoint clinical people to the faculty slots. While teaching faculty is well represented still, basic science faculty are not. Membership was encouraged to see if their institution has representatives and if not, consider volunteering themselves or someone from their department to ensure basic science representation. Most societies, ACDP included, remain concerned about the dilution of the societies' voices, although Delamere noted that it appears CFAS may be changing and more relevant to societies again. The other two Councils are the Councils of Deans and of Administrators.

Delamere attended the spring meeting (April 19-21) and reported that among the topics covered were academic leadership; conflict resolution; advocacy; resilience, burnout,

and wellbeing; mind-body medicine; AAMC Report, and practical strategies for basic science faculty engagement.

On the topic of resilience, burnout, wellbeing and mind-body medicine, the discussion included the high dropout rate among MD and graduate students, faculty burnout and coping strategies. Adi Haramati (Georgetown Univ.) discussed an impressive program for med students, faculty and program directors at Georgetown. Because of this presentation, Urban invited Haramati to speak at this year's ACDP Leadership Retreat.

On the topic of the Board exam, the AAMC report discussed the AAMC Summit on the USMLE exam. There is concern over the excessive influence of the Step 1 Exam. AAMC is analyzing how board exam scores influence the medical curriculum, residency applications, etc.

Discussion of practical strategies for basic science faculty engagement focused on why and how often basic science departments are being eliminated. It was said to be about cost and value to the institution. Teaching in the medical curriculum is no longer a critical issue. The point was made that the top 20 research-intensive schools keep their basic science departments because it is a reasonably affordable mission priority and research excellence is valued. The lower 20% of schools never had basic science depts. It is in the mid-rank schools where the cost-cutting argument often outweighs the desire for research prominence. Ross McKinney M.D., the AAMC Chief Scientific Officer, is launching an initiative to collect data on time course and magnitude of changes in the number of basic science departments. The AAMC seems to be aware of the trend and is concerned about the long-term implications. Another concern voiced was that of AAMC possibly conducting a corporate realignment of medical schools because of a perceived decrease in value of basic science and research within the medical school. A position paper on the topic was mentioned and a link to that paper will be distributed to the membership.

The next CFAS meeting is scheduled for spring 2019. Information on that meeting will be reported to the ACDP membership via email and at the ACDP meeting scheduled for Experimental Biology.

IX. 2018 Barbara A. Horwitz and John M. Horowitz Excellence in Undergraduate Research Awards (formerly David S. Bruce Awards for Excellence in Undergraduate Research)

Urban reminded the members that in 2016 ACDP approved providing support for the APS Undergraduate Awards at a sum of \$2,000/year for 3 years (2016-2018). This support began in 2012. Because of that support, additional awards were again given in 2018. A total of 30 Barbara A. Horwitz and John M. Horowitz Outstanding Undergraduate Abstract Awards were given and from those, 14 Barbara A. Horwitz and John M. Horowitz Excellence in Undergraduate Research Awards were awarded based on poster presentations at EB. The Undergraduate Poster session then featured those

awardees and about 100 other undergraduates presenting their research. ACDP members were urged to remind any faculty attending EB to attend that session and support the undergraduates. This year's awardees and host researchers are listed in the meeting program book.

X. New Business

A. Continued support for Barbara A. Horwitz and John M. Horowitz Excellence in Undergraduate Research

Urban requested membership approval to continue support for the Barbara A. Horwitz and John M. Horowitz Excellence in Undergraduate Research Awards at \$2,100 for another 3-year period (2019-2021). It was unanimously approved.

B. Request for support of P-MIG meeting

Urban informed the membership that Erica Wehrwein, on behalf of the Physiology Majors Interest Group (PMIG), had again requested support for the 2019 Physiology Majors Interest Group meeting. ACDP has supported the previous two meetings at \$2,000 per meeting. The meetings have been very well attended with more participants each year. The group is trying to develop a set of core principles for undergraduate programs in physiology to maintain some conformity among programs. The request was unanimously approved.

The meeting was adjourned at 11:32 am until the following day.

ACDP Business Meeting II Minutes

I. Call to reconvene

Urban reconvened the business meeting at 12:20 pm on December 1, 2018.

II. Election of Officers

The slate of nominees for President-elect, CFAS Representatives, and Councilors was announced and the membership voted by secret ballot. Dale Buck Hales (Department of Physiology, Southern Illinois University School of Medicine) was elected President-elect. Nick Delamere (Department of Physiology, University of Arizona College of Medicine) will continue as CFAS Representative for another term. Santiago Schnell (Department of Molecular and Integrative Physiology, University of Michigan Medical School) was elected CFAS Representative to complete R. Clinton Webb's term. C. Lee Cox (Department of Physiology and Neurology, Michigan State University) and Toni Pak (Department of Cell and Molecular Physiology, Loyola University Chicago Medical School) were elected Councilors with terms ending in 2021.

III. 2019 ACDP Meeting

Patricia Molina, ACDP President-elect, announced that the 2019 ACDP meeting will be held December 5 - 8, 2019 at Hotel Casa Santo Domingo, La Antigua Guatemala, Guatemala (a UNESCO Heritage Site). She gave a slide presentation about the meeting site. She has conducted a successful site visit. The hotel will not be all-inclusive, but breakfast will be included in the room price. The town is within walking distance with many excellent restaurants that attendees will be able to try. Registration will be through the APS system. Attendees will need to make online hotel reservations and airline reservations on their own.

IV. Adjournment

The meeting was adjourned at 12:35 pm.

Respectfully submitted,

Elsa Mangiarua
Secretary-Treasurer

*Association of Chairs of Departments of Physiology
Revenue and Expenses and Changes in Net Assets
Year to Date as of September 30, 2019*

	2019 YTD			Totals at 9/30/18	Incr/(Decr)
	Annual Meeting	General	Totals at 9/30/19		
Revenue:					
Dues Income	\$ -	\$ 18,000	\$ 18,000	\$ 17,500	\$ 500
Contributions	-	-	-	-	-
Interest Income	-	8	8	1	7
Total Revenue	-	18,008	18,008	17,501	507
Expenses:					
Professional Fees	-	1,667	1,667	2,540	(873)
Supplies	-	-	-	-	-
Telephone	-	-	-	-	-
Credit Card Processing Fees	-	833	833	443	390
Travel	6,890	5,516	12,405	2,942	9,464
Meeting Expenses	8,669	-	8,669	-	8,669
Dues Expense - Associations	-	570	570	560	10
Awards	-	-	-	2,100	(2,100)
Miscellaneous (PMIG Conf support)	-	2,023	2,023	2,039	(17)
Total Expenses	15,559	10,608	26,167	10,624	15,543
Net Revenue/(Expenses)	(15,559)	7,400	(8,159)	6,877	(15,036)
Net Assets, Beginning of Year			69,110	78,366	(9,256)
Net Assets, End of Period			\$ 60,951	\$ 85,243	\$ (24,292)

MEETING AND TRAVEL INFORMATION

Weather: During the day, average temperature is 75°F (24°C). The sun is hot/bright sun at noon. In the evening, temperatures drop to low 60°F (16°C).

Dress/Attire:

- The attire for the conference is casual (long slacks/jeans) during the day. Casual, very conservative clothing is both proper and practical in Guatemala.
- Dinner on Friday is outdoors. Warm clothing or layers are advised.
- “Clausura” (closing dinner and party) on Saturday will be indoors with a buffet outside of the room. Cocktail attire and dancing shoes are appropriate. A shawl, pashmina, or sweater is advised for moving around the hotel.
- Comfortable walking shoes (Antigua has cobblestone streets.)
- Hats and sunscreen
- Sweater or jacket for the evening
- Optional: Swimsuit (The hotel has a great spa and gorgeous pool. Spouses and non-working guests interested in sun bathing or swimming will need swimsuits.)

Money: The official monetary unit in Guatemala is called a Quetzal (GTQ). exchange rate is about 7 GTQ to 1 USD. ATM machines are available throughout the town and in the hotel. ATMs can be used to get quetzals needed for street and market shopping. All major stores and restaurants accept credit cards.

Transportation to/from Hotel:

- *Taxi service from airport:* Upon exiting customs, there is a booth where you can get shuttle service to Antigua. Cost is about 10 USD.
- *Antigua Tours:* This a travel agency owned by an American Expat. Shuttle and transportation services can be booked online and prepaid. Meet your Antigua Tours driver with a sign with your last name at the airport exit. <https://antiguatours.net/shuttles/>

Hotel: Hotel Casa Santo Domingo, 3a Calle Oriente No. 28 A, La Antigua Guatemala

- Hotel Museo Spa Casa Santo Domingo is offering a 10% discount on massages to ACDP Retreat participants. To receive the discount, reservations must be made through Cony Pinillos: cpinillos@casasantodomingo.com.gt / 502-78201220

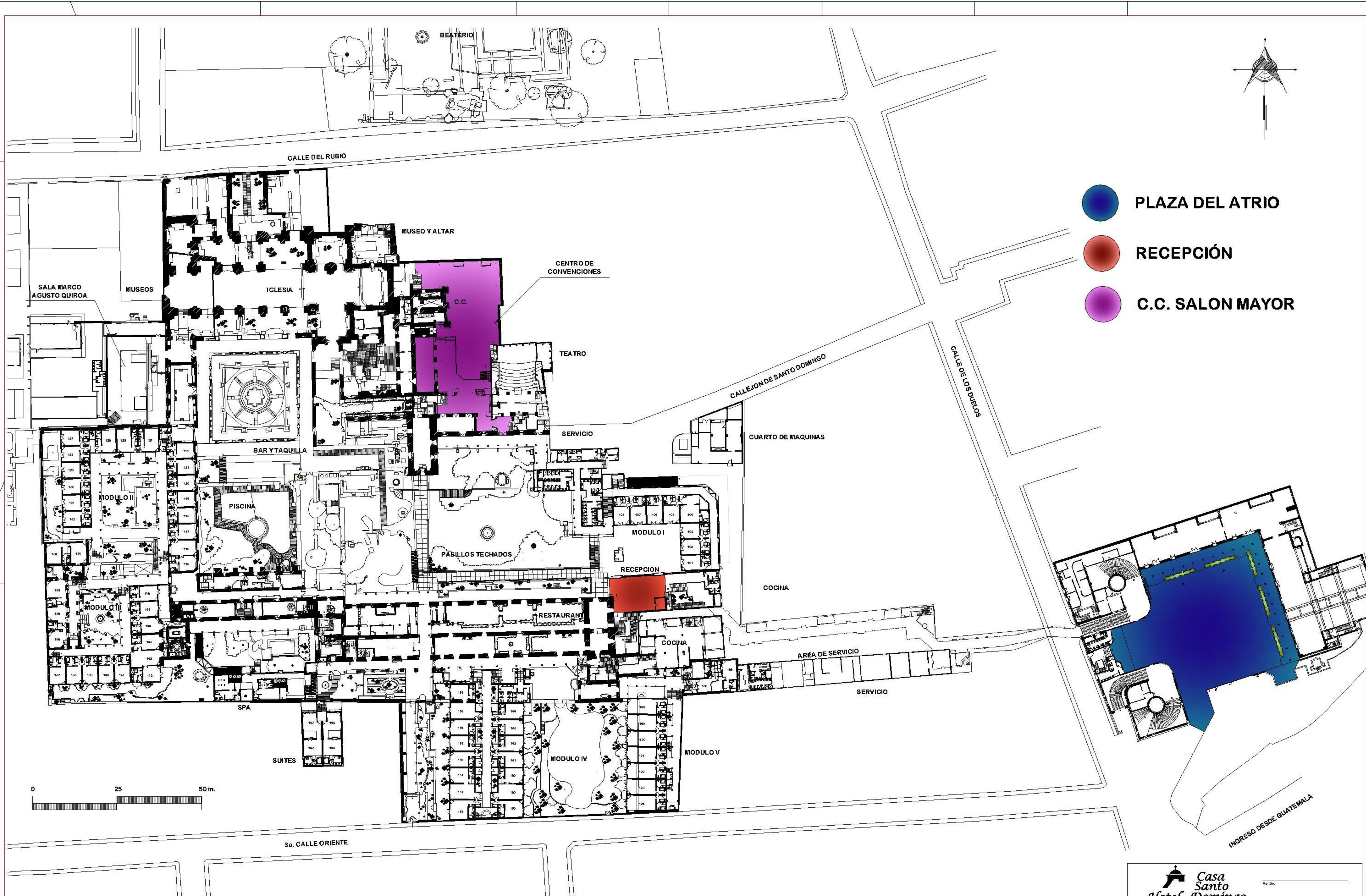
Conference Program: Printed meeting programs will be available onsite.

Food Allergies/Restrictions: Participants with food allergies or restrictions should alert Melinda Lowy (ACDP@the-aps.org) as soon as possible.

Other Tips: Attendees may want to pack hand sanitizer, Pepto Bismol, and Imodium (just in case).

Additional information about the destination is available on the conference website:

<http://www.acdponline.org/Home/Meetings/2019-Leadership-Retreat>.



- PLAZA DEL ATRIO
- RECEPCIÓN
- C.C. SALON MAYOR

PLANTA DE CONJUNTO
HOTEL "CASA SANTO DOMINGO"

esc. 1 : 500

		Vx. No. _____ Vx. No. _____
PROYECTO:	LEVANTAMIENTO Y ACTUALIZACION DE PLANOS	HOTEL CASA STO. DOMINGO
DIRECCION:	ANTIGUA GUATEMALA	
ESCALA:	1 : 500	CONTIENE:
FECHA:	DICIEMBRE 2011	PLANTA DE CONJUNTO
DIBUJO:	OF. ACTUALIZACION DE PLANOS	HOTEL CASA SANTO DOMINGO