

# ISGIDAR

INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS

## President's Message

*Dr. Drake Morgan, University of Florida*

Hello everybody!

Fellow ISGIDARians, it is a pleasure to be speaking to you from the first "Presidential Column" for the annual ISGIDAR newsletter. It has been almost two months since being in San Juan, and I have to say that Puerto Rico continues to be one of my favorite destinations for the CPDD annual meeting.

The scientific program of ISGIDAR did not disappoint this year; actually I can't think of any disappointing ISGIDAR, although I'm quite happy that I did not preside over the first bad one. Seriously, I think it was a very successful meeting. We had talks from graduate students, post-doctoral fellows, all levels of faculty, and people outside of academia. There was a mix of preclinical/animal studies, human studies, and talks regarding potential interactions between ISGIDAR and regulatory agencies, although as always the majority of talks were focused on preclinical, basic science. The final program is included in this Newsletter on page 7 in case you were not able to join us in San Juan.

Besides the great selection of "standard" presentations, there were several other sets of presentations that I would like to highlight. This year, there were 2 fantastic student award presentations: (1) the **ISGIDAR Travel Award** that is regularly sponsored by Drs. Richard Foltin and Suzette Evans (once again, I think I speak for all of ISGIDAR when I say that we sincerely appreciate the continuing support by Richard and Suzette), and the newly established **William L. Woolverton Memorial Travel Award** (more on this below). Congratulations to Sarah Kromrey and William John.

Two dear friends of ISGIDAR left us over the past year. We finished the morning at this year's meeting with the William L. Woolverton Memorial Symposium. In this symposium, Mike Nader, James Rowlett, Kevin Freeman, Jennifer Naylor, and Craig Rush made presentations on Bill's past and current research interests and data, the impact of his work on the field, some translational implications of Bill's broad range of work, and personal stories about him. It was an amazing symposium, and I think it was a grand way to celebrate Bill and his work. We finished the afternoon with the Nancy K. Mello Memorial. Barak Caine provided us with an emotionally powerful tribute to and celebration of Nancy. I would like to personally thank all of the people who participated in these symposia.

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I would like to mention that ISGIDAR has moved forward (and will continue to do so) on several fronts.

- (1) Newly designed Newsletter – the one that you are currently reading. Times are changing, and there were several aspects of the past newsletters that were deemed unnecessary. For example, many newsletters would contain lists of self-administration publications from the couple of members who went through the trouble to send in such a list. To be more comprehensive, one past Secretary tried to gather up all of the self-administration publications from the past year authored by attendees of the previous year’s meeting. That’s too much work when 3 clicks on the phone in your pocket could gather up more information. In any case, we will be switching over to an annual Newsletter that will contain information related to the past year’s meeting (highlights, program, business meeting minutes, etc.), and if relevant, information about next year’s meeting.
- (2) Updated membership list and email list – it turns out that our organization has not kept the most up-to-date records of our members (names or numbers), and this was reflected in a terribly out-of-date email list-serv. This has been fixed up (as far as we can tell), and the Secretary will have the responsibility for updating and maintaining this information.
- (3) STAR – Supporting Truth about Animal Research, A Coalition of Scientific Societies. ISGIDAR was recently asked to join this scientific coalition, which is currently composed of: ACNP, APA, CCS, CPDD, ISGIDAR (we said ‘yes’), NBTS, and RSA (acronyms only for ease of reading). The group is approximately one year old, and the potential activities that the group will engage in are still evolving. The overall goal is to provide a unified voice from scientists regarding issues related to the use of animals in research. These issues could include increased federal and institutional regulation of research activity without evidence of enhanced animal welfare, increases in the amount and changes in the strategies of animal rights activists, public education about the contribution of animal research to human health, etc. At this point in time, I am engaging in monthly conference calls. When something of particular interest to ISGIDAR members arises, that information will be passed along.
- (4) ISGIDAR.com, our newly established website – it’s up and running. I would like to thank our Secretary Mark Smith and his crew (see the Secretary’s message on page 5) for getting this under control. As an organization, we’ve had a difficult time getting this going.
- (5) Updated by-laws – thanks again Mark Smith. We can now start following our own rules. Please see page 11 for a copy of our revised bylaws.

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**Check out our new website!**  
**[ISGIDAR.com](http://ISGIDAR.com)**

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There are just a couple more things to mention. Secretary Wendy Lynch will provide a report on the state of ISGIDAR from a financial perspective. Fundraising is a continuing issue for organizations such as ours, so if anyone has creative suggestions on how to obtain support for us, we will gladly listen! I would like to take this opportunity to thank Grünenthal for their continuing support – their contribution provides free lunch for all registrants, and allows us to keep other costs down. Michael Weed provided financial support for the Woolverton Travel Award this year, and we all thank him for that. The group decided that we would like to establish this travel award as an annual award. In the spirit of this, a handful of folks (you know who you are) have made donations to the organization for this award. I would encourage all to make these contributions a regular part of your annual routine. And lastly, I would like to thank Jack Henningfield and his organization Pinney Associates for their commitment to ISGIDAR for the next 3 years! This is greatly appreciated.

That's enough from me. I really had a great time in Puerto Rico, and look forward to seeing everyone next year in Phoenix, Arizona!

Drake Morgan, ISGIDAR President

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## Treasurer's Message

*Dr. Wendy Lynch, University of Virginia*

Overall ISGIDAR's finances are pretty solid thanks to steady registration and corporate and private donations. As detailed in the financial report, we had 36 paid registrants at this year's meeting, grossing the organization \$3,600. For this year's meeting, we raised registration fees from \$80 to \$100, which allowed us to continue to waive registration fees for in-training members. This practice is apparently successful as in-training members represented approximately 38% of our total attendees at this year's meeting (22 of 58 attendees). We also received donations from 10 individuals to support the Woolverton Travel Award as well as a donation from Drs. Evans and Foltin for the ISGIDAR Travel Award. These donations allowed us to provide travel funds for two of our in-training members. We again received a \$2,000 donation from Grünenthal, which allows us to provide a free lunch for all pre-registered attendees/speakers. Donations of this type will continue to be needed to maintain both of these practices. This year's income will exceed our expenses by approximately \$280 leaving us with a cushion of approximately \$4,600 that we can access in an emergency. For next year's meeting, we will again seek private and corporate donations and have already received pledges from Pinney Associates and several individuals (thank you!). We are also planning to eliminate ice cream at the afternoon break in an effort to reduce meeting expenses. Please see the full financial report on page 4.



## Financial Report

<b>BEGINNING BALANCE (Jan 2014)</b>	<b>\$4317.36</b>
<b><u>INCOME (Deposits)</u></b>	
Meeting Registration	\$3600.00
Corporate Sponsor Donation to offset cost of lunch from Grünenthal	\$2000.00
Donations to ISGIDAR for the William Woolverton Fund*	\$2050.00
Donation to ISGIDAR from Drs. Suzette Evans and Richard Foltin	\$500.00
Donation to offset cost of lunch from George Wilson	\$25.00
<b>TOTAL INCOME</b>	<b>\$8175.00</b>
<b><u>EXPENSES (Checks Written)</u></b>	
Food and Beverages at Meeting	\$5976.39
A/V expenses	\$365.00
William Woolverton Student Travel Awardee--William John	\$1000.00
ISGIDAR Student Travel Awardee--Sarah Kromrey	\$500.00
Misc Expenses (website, banking, supplies)	\$49.09
<b>TOTAL EXPENSES</b>	<b>\$7890.48</b>
<b>NET GAIN FROM 2014 MEETING</b>	<b>\$284.52</b>
<b>EXPECTED BANK BALANCE (after all transactions are settled)</b>	<b>\$4601.88</b>

ISGIDAR thanks the following members for their support of  
The William L. Woolverton Fund



Mike Weed  
Nancy Ator  
Pete Roma  
Harriet de Wit  
Jack Henningfield  
Linda Dykstra  
Chris-Ellyn Johanson  
Karen Anderson  
Jonathan Katz  
Barak Caine

# Secretary's Message

*Dr. Mark Smith, Davidson College*



It's been my pleasure to serve as Secretary of ISGIDAR this past year. Since assuming the position at the 2013 annual meeting, I (and my fellow officers) have embarked on a number of tasks that should benefit the organization and its members. Below, please find detailed descriptions of the new (and improved) versions of the website, bylaws, and newsletter.

## The ISGIDAR Website

A couple of years ago, we lost the rights to the isgidar.org domain name, leaving us without a functional website. In the process, we also lost all our archival information (programs, newsletters, etc.) that was located on the old website. This spring, with the help of newly appointed webmasters Ryan Lacy and Justin Strickland, we purchased the rights to ISGIDAR.com and set out to establish a new website using the WordPress platform. We also started scavenging the web (and our own personal files) for as much of our organizational history as possible. Thanks to the hard work of Ryan and Justin, we again have a presence on the web ([isgidar.com](http://isgidar.com)) and we have recovered a significant amount of our organizational history. Wendy and Drake signed off on committing \$18/year for the isgidar.com domain name (a very sound investment), and by using WordPress we insure that we will always maintain control of the website and its electronic content (a problem we encountered when the site was housed on university servers). We invite you to check out the new website and to peruse our archives. If you have any old newsletters, programs, or meeting minutes not found on the website, then please send them our way and we will make sure they are preserved into perpetuity. Also, if you see Ryan and Justin, give 'em a pat on the back for making all this possible.

## The ISGIDAR Bylaws

I asked for a copy of the bylaws when I joined the Board, assuming that the Secretary also served as Parliamentarian of the organization. Somewhat to my surprise, the organization did not have a Parliamentarian, which may explain why the bylaws have not reflected the governance or structure of the organization for over two decades. The Board of Officers set out to extensively revise the bylaws to reflect the current governance and structure, and to correct a couple of internal inconsistencies. In the process, we added a new position of Past-President to insure organizational consistency; we eliminated two positions (did you know that ISGIDAR had not one, but two, vice-presidents?); we gave the Secretary parliamentarian authority; and we allowed for the creation of appointed positions. Other changes simplified the procedures for voting in new members and voting on other items relevant to the organization. The revised bylaws were presented at the 2014 meeting and were unanimously approved. Please find a copy of the new and improved bylaws on page 11 of this Newsletter.

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### The ISGIDAR Newsletter

One of the principal responsibilities of the Secretary is to serve as Newsletter Editor. As you may have noticed, we've introduced a few changes to the newsletter. Gone is the bibliography, which seemed hopelessly out-of-date with the ubiquitous nature of scientific search engines. In its place, we added statements from the President, Treasurer, and Secretary to inform the membership how the Board of Officers is addressing the "big picture" issues facing the organization. You will also find a detailed financial report, a copy of the revised bylaws, a copy of the scientific program from the 2014 meeting in San Juan, and the approved minutes from the 2013 meeting in San Diego. We hope that you enjoy the new format and content.

If you have any questions, comments, or suggestions for the newsletter or website, then please feel free to contact me anytime ([masmith@davidson.edu](mailto:masmith@ davidson.edu)). I always welcome your feedback.

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## Do you have old ISGIDAR Newsletters, Programs, or Meeting Minutes?

If so, we may need them.  
Please visit [ISGIDAR.com](http://ISGIDAR.com) and click on "[Archives](#)".

If you have any newsletters, programs, or minutes we're missing, please send them to Mark Smith ([masmith@davidson.edu](mailto:masmith@davidson.edu)) and we'll add them to the archives.

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## ISGIDAR Welcomes its 2014 New Members!

Steven Harrod  
Sally Huskinson  
William John  
Sarah Kromrey  
Susan Martelle

Jenny Naylor  
Olga Rash  
Justin Strickland  
Matthew Walentiny



# 2014 Scientific Program

*Did you miss this year's meeting? This is all the great science you missed...*

- 8:00 – 8:25 **Registration and breakfast**
- 8:25 – 8:30 **Welcoming remarks**  
*Drake Morgan, University of Florida, Department of Psychiatry, Division of Addiction Medicine, ISGIDAR President*
- 8:30 – 8:50 **The effects of social learning on the acquisition of drug self-administration**  
*Ryan T. Lacy, Justin C. Strickland, and Mark A. Smith, Davidson College*
- 8:50 – 9:10 **The effects of naloxone on reacquisition of heroin self-administration in rats**  
*Francesco Leri, University of Guelph*
- 9:10 – 9:30 **Enhancing face and predictive validity of animal models of cocaine self-administration**  
*Paul W. Czoty and Michael A. Nader, Wake Forest University*
- 9:30 – 9:50 **Assessment of abuse potential of developmental compounds: regulatory perspective**  
*Beatriz Rocha, Covance Global Regulatory Strategy*
- 9:50 – 10:10 **FDA draft guidance on abuse deterrent opioids - limiting reinforcing effects by slowing speed of delivery to the brain: implications for in vitro, nonclinical and clinical abuse liability assessment**  
*Jack E. Henningfield, August R. Buchhalter, Edward J. Cone, Reginald R. Fant, Sid S. Schnoll, The Johns Hopkins University School of Medicine and Pinney Associates*
- 10:10 – 10:30 **Changeover response as choice: some determinants**  
*Richard A. Meisch and Thomas H. Gomez, University of Texas Medical School at Houston*
- 10:30 – 12:15 **THE WILLIAM L. WOOLVERTON MEMORIAL SYMPOSIUM**
- Bill and Merigold's Monkey Lounge**  
*Michael A. Nader, Wake Forest University*
- Bill's Other Hat: Dopamine Receptor Subtypes and Self-Administration since Woolverton, Goldberg, and Ginos (1984)**  
*James K. Rowlett, University of Mississippi*
- Bill Woolverton and the study of drugs as punishers**  
*Kevin B. Freeman, University of Mississippi*
- Kappa Agonists as Punishers in Non-Human Primates and Rats**  
*Jennifer E. Naylor, University of Mississippi*
- Recognizing the Translational Implications of Choice Research Conducted by William L. Woolverton, PhD**  
*Craig R. Rush, University of Kentucky*

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- 12:15 – 1:30 **Lunch – sponsored by GRUNENTHAL**
- 1:30 – 1:50 **Reinforcing and punishing effects of nicotine**  
*Gail Winger, Nhu Truong, James H. Woods, and Mikhail Koffarnus, University of Michigan*
- 1:50 – 2:10 **Reinforcing effects and substitutability of cigarettes and e-cigarettes using hypothetical behavioral economic demand assessment**  
*Olga Rass, Lauren R. Pacek, Patrick S. Johnson, and Matthew W. Johnson, The Johns Hopkins University School of Medicine*
- 2:10 – 2:30 **Early environmental or cognitive intervention on methamphetamine dependence**  
*Xingxing Li, Wenhui Zheng, Kunya Huans, Wenhua Zho, and Yu Liu, Ningbo University School of Medicine*
- 2:30 – 2:50 **Nicotine self-administration in monkeys: effects of varenicline and mecamlamine**  
*Sarah Kromrey, Robert Gould, Susan Nader, and Michael Nader, Wake Forest University ISGIDAR Travel Award Winner (sponsored by Richard Foltin and Suzette Evans)*
- 2:50 – 3:10 **Effects of buspirone and the dopamine D3 partial agonist PG619 on cocaine and methamphetamine self-administration in rhesus monkeys**  
*William S. John, Amy H. Newman, and Michael A. Nader, Wake Forest University William L. Woolverton Memorial Travel Award Winner*
- 3:10 – 3:20 **Coffee break**
- 3:20 – 3:40 **Effects of daily self-administered methamphetamine on learning-to-learn and cognitive flexibility in the nonhuman primate**  
*Brian D. Kangas, McLean Hospital, Harvard Medical School*
- 3:40 – 4:00 **Chronic inflammatory pain impacts opioid self-administration through an accumbal dopaminergic mechanism**  
*Shanthi Mogali, Lucia Hipolito, Elaine Zhong, Jose Gonzalez-Romero, Laszlo Virag, Robert Whittington, Sandra Comer, Michael Bruchas, Jose A. Morón, Columbia University*
- 4:00 – 4:20 **Psilocybin abuse liability assessment: implications for scheduling if FDA approves psilocybin for medical use**  
*Matthew W. Johnson, Roland R. Griffiths, Jack E. Henningfield, and Reginald V. Fant, The John Hopkins University School of Medicine and Pinney Associates*
- 4:20 – 4:40 **Some stimulus properties of arecoline**  
*James H. Woods, University of Michigan*
- 4:40 – 5:00 **Nancy K. Mello Memorial**  
*Barak Caine, McLean Hospital, Harvard Medical School*
- 5:00 – 9:00 **Business meeting**



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ISGIDAR thanks Grünenthal for supporting the annual scientific meeting!



# ISGIDAR Bylaws

*Revisions Adopted on June 14, 2014*

## **I. Name and objective**

The name of this Association shall be International Study Group Investigating Drugs as Reinforcers (ISGIDAR). The objective of the Association shall be to promote interest in, and to facilitate the dissemination of, new information related to drugs as reinforcers, especially as it may relate to human drug abuse.

## **II. Membership**

1. ISGIDAR shall be made up of Members and Sponsoring Members. Any person holding an academic or scientific degree or working toward such a degree and who is actively engaged in or interested in research related to drugs as reinforcers shall be eligible to become a Member. Sponsoring Membership shall be offered to organizations with an interest in basic or applied research in the field of drugs as reinforcers.
2. Application for Membership: Current ISGIDAR members can submit nominations at the annual business meeting or submit nominations in writing to the President at any other time during the year.
3. Election to Membership
  - a. Individuals nominated at the annual meeting will be elected to membership by a yes vote of 90% of the governing body.
  - b. Individuals nominated directly to the President will be elected to membership by unanimous vote of the Board of Officers. In this case, the results of the election will be announced at the next business meeting.
4. Membership may be rescinded by action of the Board of Officers of ISGIDAR for justifiable causes. Paid dues must be returned to the ex-member along with notification of termination of membership in writing and an explanation of the reason for removal. Any member so removed may appeal this action to the Membership at the first meeting of ISGIDAR occurring more than 30 days following notification of termination of membership by board action.

## **III. Governing Body**

1. Members present at each business meeting of ISGIDAR constitute the governing body provided a quorum is met. A quorum consists of at least two members of the Board of Officers plus at least 10 members. Each Member has one vote. The Membership present at the meeting can decide by simple majority vote about the following items:
  - a. Minutes of the previous meeting
  - b. Acceptance of financial report by the Treasurer
  - c. Dues and Registration Fees
  - d. Future meeting places
  - e. Adoption of a working budget
  - f. Election of officers
  - g. Varia

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2. Changes in the bylaws may only be brought about following full discussion at the business meeting. A two-thirds majority of the members present must approve all such changes. Changes proposed at a given business meeting may be voted upon at the same meeting unless a majority of those present vote to have the proposed change distributed by mail to the membership with the announcement that the proposed change will be voted upon at the next business meeting.

**IV. Officers**

1. The Board of Officers of ISGIDAR shall be made up of members who serve as:
  - a. President
  - b. Past President
  - c. Secretary
  - d. Treasurer
2. The President shall be elected by majority vote of the governing body for a 2-year term. The term of office begins at the close of the meeting at which a President is elected and ends when the term of the President's successor begins. An individual may serve more than one term as President, but the terms may not be sequential.
3. The Past President will serve on the Board of Officers for two years following the presidency for the same term of office as the President.
4. The Secretary shall be elected for the same term of office as the President by majority vote of the membership present. The Secretary may be re-elected for four (4) additional, sequential terms.
5. The Treasurer shall be elected for the same term of office as the President by majority vote of the membership present. No restrictions are placed on the number of times the treasurer may be reelected.
6. Powers and Duties of the Officers
  - a. President
    1. Arrange and set the agenda for the annual scientific and business meetings
    2. Preside over the annual scientific and business meetings
    3. Preside over all meetings of the Board of Officers
    4. Engage in fundraising and contribute to the financial stability of the organization
    5. Perform such other duties as are incident to the office, including contributing to the long-term stability of the organization and meeting the objectives described in the bylaws
  - b. Past President
    1. Ensure a smooth transition for the President
    2. Provide input on the future, goals, direction, and function of the organization
    3. Complete all agenda items that were not completed during the prior term when serving as President
    4. Assume the President's duties if the President is unable to act
  - c. Secretary
    1. Keep the minutes of ISGIDAR business meetings
    2. Edit and disseminate at least one edition of the Newsletter each year
    3. Serve as Parliamentarian of the organization
    4. Keep and annually update the master membership list

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**Continued from Page 12****d. Treasurer**

1. Receive, disburse, and duly account for all sums of money belonging to ISGIDAR
  2. Submit a written financial report each year to the Board of Officers and at each Business Meeting.
  3. Assist the President in fundraising and contributing to the financial stability of the organization
7. The Officers shall represent ISGIDAR to the public.
8. The President may appoint additional officers as needed. Appointed officers will have defined roles as specified by the President, they will serve at the discretion of the President, and their terms of office will terminate at the end of the President's term of office. An incoming President may reappoint the same individual holding an appointed position for an additional term of office.

**V. Meetings**

1. Annual Business and Scientific Meetings shall be the responsibility of the President. The President or Secretary will notify all members at least 30 days prior to any business meeting of ISGIDAR
2. Scientific Meetings may be arranged in any format suitable for the communication of information and acceptable to the Board of Officers. Local arrangements will be made by the President or another individual whom the President may appoint.
3. Whenever possible, business meetings will be held in conjunction with scientific sessions. Business and scientific sessions will, insofar as possible, be held at or near the time of other national or international meetings of scientists likely to be of interest to and participated in by members of ISGIDAR.
4. The Board of Officers shall meet at such times and places as are mutually agreeable to Board Members. All Board Members must be notified of such meetings at least ten days prior to the meeting.

**VI. Dues**

1. Annual dues become payable on or before the annual business meeting of the membership year. The amount of the annual dues and registration fees shall be recommended by the Board of Officers and decided upon by majority vote of the governing body at any business meeting.

**VII. Committees**

1. Permanent or ad hoc committees shall be established when necessary and their members appointed either by the President or by vote of the governing body at a business meeting.

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The objective of ISGIDAR is to promote interest in, and to facilitate the dissemination of, new information related to drugs as reinforcers, especially as it may relate to human drug abuse.

## ISGIDAR Board of Officers

### President of ISGIDAR

Drake Morgan, Ph.D.  
Dept. of Psychiatry  
Division of Addiction Medicine  
1149 South Newell Drive, L4-100  
University of Florida  
Gainesville, FL 32611  
[drakem@ufl.edu](mailto:drakem@ufl.edu)

### Past President of ISGIDAR

William E. Fantegrossi, Ph.D.  
Dept. of Pharm. and Tox.  
College of Medicine  
University of Arkansas for Med. Sci.  
4301 W. Markham Street, #638  
Little Rock, AR 72205-7199  
[WEFantegrossi@uams.edu](mailto:WEFantegrossi@uams.edu)

### Treasurer of ISGIDAR

Wendy J. Lynch, Ph.D.  
Depts. of Psychiatry &  
Neurobehavioral Sciences  
University of Virginia  
1670 Discovery Drive  
Charlottesville, VA 22911  
(434) 243-0580  
[wlynch@virginia.edu](mailto:wlynch@virginia.edu)

### Secretary of ISGIDAR

Mark A. Smith, Ph.D.  
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Davidson, NC 28035-7037  
[masmith@davidson.edu](mailto:masmith@davidson.edu)



## See You in Arizona!

The next meeting of ISGIDAR will be on June 13<sup>th</sup>, 2015  
at the Biltmore Hotel in Phoenix, Arizona.

We hope to see you then.