Message from the Chair

It is hard to believe that 2014 has come to a close. I am sure that all of you, like me, have been busy trying to finish all the end-of-year fun things like performance evaluations, budgets, goals for 2015, etc. This is on top of everything else we have to deal with like meetings, QA audits, agency inspections, and instrument downtime. Fortunately, the holidays are upon us and I hope everyone gets a chance to take some time off to relax and enjoy the season.

This year has been a busy one for the DACC. We started off with the Siemens Multispecies User Group Meeting, followed by the DACC Spring Meeting. The topic of our Spring symposium was bone and bone marrow physiology, and I think all would concur that it was a success. Thanks to Bristol-Myers Squibb for doing a great job hosting that event.

Summertime brought the AACC Annual Meeting in Chicago. There we had our annual Lunch and Learn program with two presentations on coagulation. We also presented our annual award for Outstanding Contributions to Animal Clinical Chemistry to Dr. Mary Christopher, and the Royden N. Rand Past-Chair award to Rich Giovanelli. I realize travel budgets can be tight but I encourage everyone to try to attend at least one of our educational opportunities in 2015.

The last educational opportunity that the DACC provided in 2014 was both informative and free! AbbVie hosted a webinar in October. Dr. Niraj Tripathi gave a presentation on acute phase proteins and many DACC members dialed in. (see article inside this newsletter for more details.) Since we started doing the webinars a few years ago, they have all been well attended. We plan to continue presenting webinars in 2015. If you have ideas for topics, please contact a member of the Executive Committee or send a note on the DACC listserv.

(continued on pg.4)
AACC’s Division of Animal Clinical Chemistry

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Nominating (Year as Chair)
Karen Lynch (2014)
Dirk Sprenger (2015)
Tammy Lambert (2016)
Peter Szczerba (2017)
Richard Giovanelli*
*Exec Comm Rep

Membership
Volunteers Needed!

Fund Raising
Jon Kimball
Chris Perigard
Samantha Wildeboer*
*Exec Comm Rep

Awards
Jon Kimball (Chair)
Kay Criswell
Bob Emmons
Doug Neptun

Scientific Program & Long Range Planning
David Desmond¹ ³
Richard Giovanelli²
Susan Emeigh Hart⁴
Kay Criswell
Doug Thudium
Jon Kimball

Principal Organizer: 1: 2014 Spring Symposium, 2: 2014 Annual Meeting Symposium⁵,
a: Our proposed program was not picked up by the AACC in 2014
The Division of Animal Clinical Chemistry (DACC) welcomes all persons interested in advancing clinical laboratory science in animals by promoting and encouraging the study, exchanging knowledge, and expanding and improving the practice of clinical laboratory science in animals.

Our division provides a forum for sharing of information relevant to methods of analysis, reference intervals for different animal models, selection of appropriate species for research, and feasibility of transferring relevance of the data to human medicine. The DACC supports the development of methods to detect specific target organ effects and cellular changes associated with xenobiotic agents and/or disease processes.

The Division publishes this newsletter and sponsors regional and national meetings as a means for promoting education, research, and service. We encourage members to pursue professional interactions with AACC as well as within other professional groups. Our membership represents scientists working in interdisciplinary fields, industry, academia, and governmental laboratories.

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Stephan Sultana – Novartis
Gail Walter – Clinical Pathology Consulting
Samantha Wildeboer – Pfizer, Inc.
Dr. Susan Emeigh Hart will be taking over for me as Chair in 2015. She has been busy preparing for our DACC 2015 Spring Meeting. The 2015 Spring Meeting will be held April 23-24 next year. Siemens will once again have their User Group Meeting on Thursday April 23, and the DACC Spring Meeting will be held on Friday April 24 at the Glaxo SmithKline campus in King of Prussia, Pennsylvania. Susan has a tentative topic and title: "Clinical Pathology of Inflammation and Immunity" and is putting together a slate of excellent speakers to discuss both existing and emerging biomarkers. We also plan to have our annual meet the speakers reception the night before the Spring Meeting. More information on registration, lodging, etc. will be coming in the next few months via the DACC listserv.

Regarding our Executive Committee, we had two open positions to fill for the 2015 year. I would like to thank Karen Lynch and the Nominating Committee for their work in finding candidates for these positions. Amy Hudak from Boehringer-Ingelheim has accepted the nomination for the Chair-Elect position, and Wendy Crodelle-Dube, also from Boehringer-Ingelheim, has accepted the nomination to become a member of the Nominating Committee. The Nominating Committee is a four year commitment and Wendy will Chair the Committee in 2018.

To wrap things up, I would like to thank the members of the Executive Committee, both past and present, who so graciously assisted me first during my tenure as Chair-Elect in 2013, and then as Chair in 2014, especially our Past-Chair Rich Giovanelli. I would not have been successful without their help. I have found my time on the Executive Committee to be a rewarding experience, and I hope that all of you might consider becoming involved in our division at some time in the future. With that said, I pass the gavel to Dr. Susan Emeigh-Hart. I am sure she will do a great job.

Dave DACC Chair

DACC 2015 Spring Meeting

Thursday April 23, 2015
- Siemens Multi-Species User Group Meeting
- DACC Executive Committee Meeting
- Meet the Speakers Reception & Mixer

Friday April 24, 2015
- DACC Spring Symposium
- Hosted by GlaxoSmithKline, King of Prussia, PA
- Topic: Clinical Pathology of Inflammation and Immunity
  - Possible subtopics may include inflammatory vs. stress leukogram, overview of applicable ICH guidance on immune suppression, clinical pathology of anaphylaxis, novel or emerging laboratory tests that are becoming more routine, such as lymphocyte immunophenotyping via flow cytometry, cytokine and chemokine assessments, etc.
- Stay Tuned to the DACC Listserv for Details

DACC Website Has a New Look and Feel!

Check it out at: https://www.aacc.org/community/divisions/animal-clinical-chemistry
Fall DACC Webinar Focuses on Acute Phase Proteins

Continuing education is a major component to advancing our profession, but as we all are aware, it gets increasingly more difficult to convince our companies' management to approve travel spending. As a way to keep providing educational opportunities without spending money on travel, the DACC started providing free educational webinars a few years ago.

This year's webinar was held in early October. Dr. Niraj Tripathi, Clinical Pathologist at Covance Laboratories in Madison, WI, gave an excellent presentation on acute phase proteins. This webinar focused on basic introduction to acute phase proteins that are frequently utilized in preclinical safety studies as well as in human medicine, as markers of inflammation. The webinar included a didactic session on various acute phase proteins being utilized in the preclinical safety studies involving assessment of inflammation and immune system, as well as case examples of some commonly utilized acute phase proteins in preclinical safety studies for general toxicity assessment in various species, including rodents and non-rodents. It also included some discussion on considerations for the use of acute phase proteins for specific purpose and study designs, and brief discussion on commonly utilized platforms/assays for various acute phase proteins.

### Important Acute Phase Proteins per Species

<table>
<thead>
<tr>
<th>Species</th>
<th>Major Increases (Δ's &gt;10-fold)</th>
<th>Moderate Increases (Δ's = 1 to 10-fold)</th>
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<tr>
<td>Human</td>
<td>CRP, SAA</td>
<td>α-1AGP, Fib, Hapto</td>
</tr>
<tr>
<td>NHP</td>
<td>CRP</td>
<td>α-2MG, Fib, SAA</td>
</tr>
<tr>
<td>Dog</td>
<td>CRP, SAA</td>
<td>α-1AGP, Cerulo, Hapto, Fib</td>
</tr>
<tr>
<td>Rat</td>
<td>α-1AGP, α-2MG</td>
<td>Fib, CRP, Hapto</td>
</tr>
<tr>
<td>Mouse</td>
<td>SAA, SAP, Hapto</td>
<td>CRP, Fib</td>
</tr>
<tr>
<td>Rabbit</td>
<td>SAA, Hapto, CRP</td>
<td>α-1AGP, Fib, CRP</td>
</tr>
<tr>
<td>Pig</td>
<td>SAA, Hapto</td>
<td>α-1AGP, Fib</td>
</tr>
</tbody>
</table>

CRP = C-reactive protein; SAA = serum amyloid A; SAP = serum amyloid P; Cerulo = ceruloplasmin; Fib = fibrinogen; Hapto = haptoglobin; α-1AGP = α-1 acid glycoprotein; α-2MG = α-2 macroglobulin

Acute phase proteins (APP) are blood proteins primarily synthesized by hepatocytes as part of the acute phase response (APR). The APR is part of the early-defense or innate immune system, which is triggered by different stimuli including trauma, infection, stress, neoplasia, and inflammation. The APR results in a complex systemic reaction with the goal of reestablishing homeostasis and promoting healing.¹

More than 40 attendees dialed into this presentation, and considering that many sites had multiple people listening on the same line, it can be said that the webinar is a convenient and efficient means of providing learning opportunities for our membership. If you have any ideas for future webinar topics, please feel free to post them on the DACC listserv.

Richard Giovanelli Receives the Royden N. Rand Award

This named award honors the service of the Past-Chair and pays tribute to the memory of Dr. Royden N. Rand, the President of the AACC who initially sanctioned the formation of the original ad hoc Laboratory Animal Clinical Analysis Group in 1976. This award is given to the DACC’s immediate Past-Chair to honor his or her contributions to the field of animal clinical laboratory science throughout their career, and to acknowledge the recipient's many contributions to the Division of Animal Clinical Chemistry. Each Chair has sacrificed their time to promote and provide education in the area of Animal Clinical Chemistry, foster communication and networking among division members in accord with our Division’s mission.

In Recognition of his Exemplary Leadership and Dedication as Chair of the AACC’s Division of Animal Clinical Chemistry the 2014 Royden N. Rand DACC Past-Chair’s Award recipient is Richard Giovanelli.

Currently Rich is the Laboratory Manager at Pfizer in Groton CT. He has been active in the DACC for several years and has presented at various educational events such as the Siemens Multispecies User Group meetings and DACC Lunch and Learn programs. He was elected to serve as Chair-Elect for the 2012 calendar year, and then moved on to become division Chair in 2013. While serving as Chair-Elect, Rich coordinated both the Lunch and Learn session at the 2012 AACC Annual Meeting and the 2013 Spring Meeting. While serving as Chair, he set up educational webinars and submitted proposals for symposia for the AACC Annual Meeting.

Rich’s commendable service to the DACC includes:
Chair-Elect 2012
Chair 2013
Past-Chair 2014

The Royden N. Rand
Division of Animal Clinical Chemistry
Past-Chair Award

PRESENTED TO

Richard P. Giovanelli, BS, MT(ASCP)

In Recognition of Exemplary Leadership and Dedication as Chair of the AACC Division of Animal Clinical Chemistry
Chair-Elect 2012 Chair 2013 Past-Chair 2014
Congratulations to Chanmaly Phanthangsy from Pfizer, and co-authors J. Stejskal, R. Giovanelli, J. Wisniewski, and S. Ramaiah for winning the best poster competition for the Animal Division's Travel Award at the 2014 AACC Annual Meeting. This award is given for solid, scientific work that progresses our understanding of attributes of animal laboratory medicine. The award carries with it a $500 prize and travel to the DACC Spring Meeting.

Validation of Thrombin-Antithrombin III Complex by Enzyme-Linked Immunosorbert Assay in Humans, Non-Human Primates, and Canine Citrated Plasma to Support Pre-Clinical and Clinical Coagulation Studies

Background: The conversion of prothrombin into active thrombin is a significant event within the coagulation cascade. Thrombin is primarily inhibited by antithrombin (ATIII) in which results in a stable inactive proteinase/inhibitor complex. The concentration of thrombin-antithrombin III complex (TAT) can be measured, and represents a sensitive clinical biomarker for the diagnosis of thrombotic disease in the coagulation cascade.

Methods: Siemens Enzygnost® TAT micro immunoassay (cat.: OWMG15) was validated in human, non-human primate (NHP), and canine citrated plasma. The concentration of TAT was measured in-vitro quantitatively through a sandwich enzyme immunoassay and used two different antibodies directed against thrombin and ATIII, respectively. The first incubation step consists of TAT binding to peroxidase-conjugated antibodies that are attached to the surface of the microtitration plate against thrombin. The second incubation step consists of a reaction in which the enzyme-conjugate antibodies are bound to the free ATIII determinants. Any unbound constituents and excess enzyme-conjugated antibodies are removed by a series of washes after each incubation. The enzymatic reaction between hydrogen peroxide and chromogen is stopped by the addition of diluted sulphuric acid. This results in a color intensity change which is proportional to the concentration of TAT. TAT concentrations are measured photometrically through the Molecular Devices SpectraMax 384plus® plate reader within the kit standard concentration range of 2.0 to 60.0 μg/L. Samples with higher TAT concentrations were diluted using Sekisui® TAT human deficient material (cat.: 203) for humans and NHP, and normal TAT plasma levels with a TAT value of <4.0 μg/L for canine.

Results: Intra-assay was established through 5-10 replicates and the %CV was ≤4.6 for human, ≤10.8 for NHP, and ≤8.3 in canine. Inter-assay precision was established through a minimum of 3 separate assay runs and the %CV was ≤1.5 for human, ≤15.5 for NHP, and ≤11.4 in canine. The limit of blank was established by analyzing 10 replicates of the zero and lowest non-zero calibrator and determined to be 0.135 μg/L for human and 0.084 μg/L for NHP. The lower limit of quantitation was determined as 2.4 μg/L with a %CV of 11.3 in human and 2.1 μg/L with a %CV of 15.7 in NHP. The upper limit of quantitation was determined as 60.2 μg/L and %CV of 4.6 in human and 60.0 μg/L and %CV of 13.4 in NHP. Dilutional linearity was determined using samples near the upper limit of the assay calibration curve, and spiked recovery was determined using samples spiked with several concentrations of kit calibrators. All results were within 20% of the expected value. Sample freeze/thaw stability was performed using samples with concentrations near the lower and middle limits of the assay calibration curve and consist of 4 freeze/thaw cycles. All results were within 20% of the expected value. Sample stability was performed for human and canine samples frozen at -80°C. Human samples were stable up to and including 3 months, and canine samples were stable up to and including 1 week. NHP sample stability was not performed.

Conclusion: All outlined criteria for the validation of TAT in human, NHP, and canine were met and will be used to support pre-clinical and clinical coagulation studies.

Best Poster: 2014 Annual Meeting - Animal Clinical Chemistry Division
Amy Hudak has been an active member of the DACC for more than 20 years, starting at Boehringer-Ingelheim Pharmaceuticals in the Clinical Pathology Laboratory in 1990. She is currently manager of that lab, serving in that capacity since 2005. Recent changes to Amy’s responsibilities at Boehringer-Ingelheim include validating immunophenotyping analysis for GLP data production and developing a sample processing service for Non Clinical Drug Safety. Computer and instrument/equipment validation has also become a large part of Amy’s day to day, as she represents Non Clinical Drug Safety in the development and refinement of organizational-wide processes for validation procedures. Amy received her B.S. in Medical Technology in 1987 from St. Joseph College in Connecticut, Masters degree in Public Administration (focus in Health Care Administration) from Pace University in White Plains NY in 1995. Amy worked at two local hospitals in CT prior to joining Boehringer-Ingelheim. Previous to running for the chair elect position, Amy served as secretary of the DACC 2000-2003, hosted the spring meeting in 2002 and 2012, and served on the Clinichem organizing committee in 1996. She has attended many spring and annual meetings, providing topics for discussion and presentation at the Siemens User group meetings. Serving as chair-elect/chairelect of the organization will allow Amy to engage with DACC and AACC members from her past and meet new members who share the same interest and goals of education, science and health care.

Samantha Wildeboer MT BS (ASCP) has been the DACC’s Treasurer since 2013. She received her Masters of Clinical Laboratory Science from Rush University in Chicago, Illinois after attending Baylor University for her undergraduate degree. In May 2013, she graduated from Brown University with a Masters in Biology. Samantha’s background includes medical technology generalist in the hospital laboratory environment, medical device pre-clinical study director, and antibacterial and cardiovascular therapeutic area project support.

Samantha officially joined Pfizer in 2008, and currently works as a scientist in Clinical Pathology, part of Drug Safety Research and Development in Groton CT, and is currently a DACC member. Samantha is proficient in all aspects of the Clinical Pathology laboratory including hematology, clinical chemistry, urinalysis, coagulation, immunoassay and bone marrow analysis. She has authored and executed multiple instrument and assay validations, drafted many user guides, and has provided mentorship and training to new colleagues within the Clinical Pathology team. Samantha is integral to the support of a summer internship program within the Clinical Pathology group, developing the content and objectives and mentoring the summer intern. Samantha works closely with investigators to arrange sample analysis within the Clinical Pathology laboratory and providing excellent customer support. Additionally, Samantha works as a Project Manager for the Antibody Drug Conjugate Investigative Project team.
Wendy C. Dubé is currently a Scientist II in the Clinical Pathology Laboratory in the Department of Nonclinical Drug Safety US at Boehringer-Ingelheim Pharmaceuticals, Inc. in Ridgefield, CT. Wendy has over 19 years of experience at Boehringer-Ingelheim where she has gained valuable knowledge and expertise in all areas of veterinary clinical pathology. In the past few years, Wendy has expanded her skills into the field of flow cytometry and now performs Immunophenotyping of cynomolgus monkey whole blood for nonclinical drug safety studies. She is currently validating the rat Immunophenotyping method. Wendy has been a member of the DACC for almost five years and attends the spring meetings whenever possible. Wendy’s extensive experience includes six years in the Clinical Pathology Laboratory at New York State College of Veterinary Medicine at Cornell University in Ithaca, NY where she performed diagnostic tests in the areas of hematology, chemistry, coagulation, urinalysis, cytology, coprology, immunology and microbiology on a wide variety of species. Wendy also gained three years of valuable experience in the Reproductive Pathology Research Department at Danbury Hospital in Danbury, CT performing gross placental pathology, fetal autopsies and histology while conducting basic research utilizing immunohistochemistry, electron microscopy, immunofluorescence, HPLC and RIA techniques.

DACC Program at the 2015 Annual Meeting

2015 AACC Annual Meeting
Atlanta, GA

DACC Morning Symposium
Wednesday July 29, 2015
10:30am - 12:00pm

“Development of Pre-Clinical and Clinical Biomarkers”

The session will describe the development of emerging biomarkers from both a preclinical and clinical/industry perspective. The first speaker will discuss the development and use of biomarkers used to assess hemostasis that are deployed in pharmaceutical research. The second speaker will discuss the development of companion diagnostics and precision medicine and how the IVD industry works with the pharmaceutical industry.

Speaker: Eric Schultze
Lilly Research Laboratories

“Development and Implementation of Biomarkers of Hypercoagulability and the Prothrombotic State in Laboratory Animals: Past, Present, and Future”

Speaker: Luis LaSalvia
Siemens Medical Diagnostics

“Industry Perspective on Development of Companion Diagnostics”
Recap of DACC’s 2014 Lunch and Learn Session

As part of the DACC’s ongoing goal of providing educational and networking opportunities to its members, the Division held its annual Lunch and Learn program at the AACC Annual Meeting this past July in Chicago. As the name implies, the Lunch and Learn starts with a tasty meal and is followed by an educational session. DACC Chair-Elect, Dr. Susan Emeigh-Hart, was responsible for organizing the 2014 event and she recruited two excellent speakers to present on the topic of coagulation.

The first presentation, “Anticoagulants: How They Work, How to Use Them, and How to Monitor Their Effectiveness” was given by Michael Laposata, MD, PhD. Dr. Laposata is the Pathology Chairman at the University of Texas-Galveston. He is a well known speaker in the field of coagulation and has presented at many healthcare industry events. His presentation focused on new coagulation technologies and strategies in the area of human medicine.

The second presentation, “Supporting Coagulation Needs in Drug Development: From Hemophilia to Hypercoagulation”, was given by Kay Criswell, PhD, DABT from Pfizer. Dr. Criswell is a former Chair of the DACC and has presented many times at various DACC sponsored events. Her talk focused on pre-clinical coagulation testing and was a nice complement to the first discussion on human medicine.

The DACC will continue the Lunch and Learn program at the 2015 AACC Annual Meeting in Atlanta, and we hope to see you there.

See more pics at: http://share.shutterfly.com/share/received/welcome.sfly?fid=b8b015475cedc373&sid=0AbtGjRqzbMXDkg
The AACC Division of Animal Clinical Chemistry (DACC) Executive and Awards Committees sponsors a Travel Award to be given in recognition of outstanding research in the area of Animal Clinical Laboratory Medicine for an abstract accepted and a poster presented at the AACC Annual Meeting. This DACC Travel Award is for the presenters of the best abstract & poster by DACC members, associates, or trainees (in academia or industry) in multispecies Clinical Pathology that has been accepted and presented at the AACC Annual Meeting. Up to two posters & abstracts may be selected each year for this award based on merit and recommendation of the Abstract Review Committee.

The Travel Award consists of a certificate of scientific merit, a $500 monetary cash award, and travel reimbursement (up to $1000) to support the awardees' expenses to attend (registration fee waived) the DACC Spring Meeting.

The DEADLINE for poster abstract submission is 6pm EST, February 25, 2015

Be sure to submit your abstract to be included with those in the Animal Clinical Chemistry Division.

DACC Presents Awards at the 2014 Annual Meeting in Chicago, IL

Richard Giovanelli receives the Royden N. Rand Past-Chair’s Award from Dave Desmond

Chanmalay Phanthalangsy receives the Best Poster Travel Award from Dave Desmond

Mary Christopher receives the DACC Award for Outstanding Contributions to Animal Clinical Chemistry from Dave Desmond
Call for Nominations:

2015 Division of Animal Clinical Chemistry Award for Outstanding Contributions to Animal Clinical Chemistry

The DACC has established a Division Award which recognizes Outstanding Contributions in the field of Animal Clinical Chemistry. This Award consists of a plaque, an honorarium and a reception for the individual so honored, and is usually presented at the AACC Annual Meeting. The DACC Awards Committee would like to invite all members and friends of the DACC to nominate such an honoree.

The Award is to recognize the achievements of an individual who has made significant contributions in the field of animal clinical chemistry in its broadest sense including teaching, training, practicing and research. Activities and achievements of this person, which have significantly benefited the science and advancement of this discipline, as well as enhanced the public awareness and understanding, are also taken into consideration.

The recipient of this prestigious award will be selected from nominations submitted by an AACC member or group of members such as division, local section, committee or commission. Nominations will also be considered from non-member individuals and organizations. Please submit your nomination by letter or e-mail. The submission should consist of a statement of the nominee’s accomplishments and a current curriculum vitae and bibliography. Two seconding letters of support from colleagues detailing the candidate’s accomplishments not given in the primary letter of nomination should be included. The latter will play an important role in the Awards Committee deliberations.

Previous recipients of the DACC award were:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jiro J. Kaneko, DVM, PhD</td>
<td>1993</td>
<td>Charles C. Capen, DVM, PhD</td>
<td>2004</td>
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<tr>
<td>Eitan Bogin, PhD</td>
<td>1994</td>
<td>John H. (Tim) Lumsden, DVM, DACVP</td>
<td>2005</td>
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<td>Donald T. Forman, PhD</td>
<td>1995</td>
<td>Douglas J. Weiss, DVM, PhD, DACVP</td>
<td>2006</td>
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<td>Robert E. Emmons, BS</td>
<td>1996</td>
<td>W. Jean Dodds, DVM</td>
<td>2007</td>
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<tr>
<td>Walter F. Loeb, DVM, PhD</td>
<td>1997</td>
<td>N. Leigh Anderson, PhD</td>
<td>2008</td>
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<tr>
<td>Thomas J. Reimers, PhD</td>
<td>1998</td>
<td>Kay A. Criswell, PhD, DABT</td>
<td>2009</td>
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<tr>
<td>Jon P. Kimball, PhD</td>
<td>1999</td>
<td>P. David Eckersall, BSc, MBA, PhD</td>
<td>2010</td>
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<tr>
<td>Dai T. Davies, PhD</td>
<td>2000</td>
<td>Peter J. O’Brien, DVM, DVSc, PhD</td>
<td>2011</td>
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<td>Walter E. Hoffmann, DVM, PhD</td>
<td>2001</td>
<td>Jean-Pierre Braun, Dr Vét, Dr Sc,</td>
<td>2012</td>
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<tr>
<td>John W. Harvey, DVM, PhD</td>
<td>2002</td>
<td>Joseph F. Dooley, PhD, DABCC, FACB</td>
<td>2013</td>
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<tr>
<td>Douglas A. Neptun, BS, MT/ASCP</td>
<td>2003</td>
<td>Mary M. Christopher, DVM, PhD, ACVP</td>
<td>2014</td>
</tr>
</tbody>
</table>

Nominations must be received no later than March 30, 2015. Please submit completed nomination documents by email or surface mail to:
Jon P. Kimball, PhD, DACC Awards Committee
1732 Old Lystra Road, Chapel Hill, NC 27517, 919-967-4016
eMail: JonKimball@msn.com
The Membership of the DACC Extends a Huge THANK YOU to its Outgoing Officers:

**2012–2014’s Chair-Elect, Chair, Past-Chair**
Richard P. Giovanelli, Pfizer

**2014’s Nominating Committee Chair**
Karen Lynch, GlaxoSmithKline

**The DACC is Seeking a Volunteer to Serve as the Archivist of Our Division’s Historical Records.**
Every Aspect of the DACC Depends on the Volunteerism of People Like YOU!