PRESIDENT’S NOTES
by Jim Weddell

We lost a leader, teacher, mentor, and good friend in the passing of Dr. Ralph McDonald. He cared very much about our profession and our great organization. It will be different without Dr. McDonald working on the textbook, attending the functions in the suite, and putting together our biannual newsletter. It is important for each of us to continue the commitment to our residents and organization as he did for so many years.

We know at the 2015 IUPDAA Biennial Conference in Indianapolis we will have a chance to honor Dr. McDonald. We will be working over the next few weeks on plans for the dinner where a special time will be set aside to reflect on the impact Dr. McDonald made on all of our lives. I would like to again thank Chad Hazelrigg and Charlie Fuhrer for their efforts in planning our next biennial conference. We are looking forward to partnering with the Indiana Society of Pediatric Dentistry on the Friday portion of the continuing education. Chad Hazelrigg has written an article in this newsletter with more details regarding the conference.

Greg Westman will oversee the suite in Seattle. We have been assigned the Seattle Grand Hyatt by the AAPD. Friday evening will be a special evening with Dean Williams in attendance. More information with details on the suite activities are in Greg Westman’s article in this newsletter. A special mailing will sent to everyone in April.

I want to thank all of you who responded to my request for an annual donation. Donations allow us to continue to support the 14 residents and run the activities of our association. Like Dr. McDonald, I feel great pride for our residents and graduates.

I hope you plan to attend the 2015 Biennial Conference in Indianapolis and the 2015 suite activities in Seattle during the AAPD meeting.

Please feel free to contact me with any questions, suggestions, concerns, etc.

Dr. McDonald and Dr. Keaty on the 2014 dental alumni cruise.

REMEMBERING DR. RALPH Mc Donald

On February 20, 2015, Dr. Ralph McDonald passed away surrounded by his loved ones. We would like to honor his work and compassion by putting together a special edition of the newsletter in the very near future that will take a look at Dr. McDonald’s life.

Dr. McDonald was always thinking about our association. Fifteen days before he passed away he dictated the note below for the newsletter. He was extremely appreciative of all of you and took great pride in your accomplishments.

Dr. Jeff Dean received the tribute below from alumnus Dr. Martin Walsh that he read at Dr. McDonald’s funeral service:

Ralph E. McDonald: Dental scientist, educator, author, husband, father, grandfather and proud Hoosier. He was a shining example to all of us in each role he engaged in

Continued on pg 2

A Message FROM DR. RALPH Mc Donald

The boxes were packed and ready to ship to Sanibel, my winter home. Two days before we were to leave I had a cardiac episode that required hospitalization at IU Hospital in Bloomington. They found I needed care that resulted in surgical insertion of a pacemaker. The procedure went well but I continue to be very weak resulting from hospital type lesions on my feet. Joanne continues to live in our Meadowood apartment but I am now cared for at Meadowood Health Care Pavilion where I receive excellent care, continuous monitoring, and hope for daily improvement.

Thank you for the many, many holiday and get well cards as well as phone calls I have received. I regret so much that I will be unable to attend the Biennial Meeting on April 17-18, 2015. Instead of watching pelicans and dolphins I am looking at snow covered hills.

I will be thinking of all of you and wishing the best at our meeting.
during his long life. Our poet Stephenson must have had him in mind when he wrote these lines.

Success
That man is a success who has lived well, laughed often and loved much, Who has gained the respect of intelligent men and the love of children, Who has filled his niche and accomplished his task, Who leaves the world a better place than he found it whether by an improved flower, a perfect poem, or a rescued soul.

Who never lacked appreciation of Earth’s beauty, Nor failed to express it, Who looked for the best in others, And gave of the best he had.

NOTES FROM THE RESIDENCY PROGRAM DIRECTOR

by Brian Sanders

We currently have fourteen graduate students in our residency program (seven in each year). Space is a little tighter and it’s a little more difficult to put your feet up in the residents’ room (e.g. Nate Kirk). Having a larger class gives our students the opportunity for offsite rotations in addition to the educational experience at Riley Hospital. The students visit a number of pediatric dental offices to observe their daily operations to get a feel for private practice. They observe IV sedations under the direction of a dental anesthesiologist, Dr. Mark Saxen, and they also spend time in the Amish Dental Clinic in Northern Indiana.

We are always looking for ways to strengthen and enhance the graduate program at Indiana University. We require the combined master degree and certificate in Pediatric Dentistry. Research is not always easy or something that students are familiar with as they enter our program. However, the addition of our newest faculty member, Dr. Juan Yepes, has helped immensely. One of Dr. Yepes’ key roles is to provide the guidance and supervision necessary for students to finish their research in a timely manner.

New students in the Indiana University Pediatric Dentistry Residency Program, Class of 2017 will include: Amanda Braun (Indiana University School of Dentistry, 2010), Neikia Franklin (Baylor College of Dentistry, 2015), Madison Galloway (University of Kentucky, 2015), Patrick Gilbert (University of Louisville, 2014), Patricia Gyasi (Meharry Medical College, 2015), Elizabeth Powers (University of Nebraska, 2015), and Bradley Wyatt (University of Louisville, 2015).

DEPARTMENTAL RESEARCH UPDATE

James E. Jones, DMD, MSD, EdD, PhD
Professor and Chair
Department of Pediatric Dentistry
Clinical Professor of Pediatrics
Indiana University School of Medicine

The following are topics identified by respective residents as research to be completed as part of the MSD degree. All second year residents have had their projects approved by the IUSD Graduate Committee for Research and the Human Subjects Committee for Indiana University.

SECOND YEAR RESIDENTS

Samantha Clark, DDS: The effects of commonly prescribed liquid medications on Streptococcus mutans biofilm development.
Matthew N. Damlin, DMD: Effects of non-dairy milk beverages on Streptococcus mutans biofilm development.
Roger Dotsey, DMD: The Effects of cola-flavored beverages on S. mutans biofilm formation and metabolism.
Laura Hinds, DDS: Effects of infant formula on Streptococcus mutans biofilm formation and biofilm metabolic activity.
Lauren Mummert, DDS: Effects of stannous fluoride on Porphyromonas gingivalis stimulated and unstimulated human gingival fibroblasts: Toxicity, matrix metalloproteinase expression and activity, and COL1A expression.

Jamie Orrick, DDS: The effects of cyclic fatigue on the fracture resistance of three primary esthetic crowns.
Devin Shone, DDS: Evaluating penetration of a fluoride solution through an established biofilm: A method development.

FIRST YEAR RESIDENTS

Dr. Rebecca Frazer
Proposed title: The effects of 5% NaF varnish on dental sealant retention
Mentor: Dr. J. Platt
Status: Proposal preparation

Dr. Leah Rippy
Proposed title: Differences in the amount of ambient oxygen playing a role in latency time to combustion in intra-oral fires
Mentor: Dr. J. Jones, Dr. Mark Saxen, and Dr. James MaGlothlin
Status: Proposal preparation

Dr. Allison Spera
Proposed title: Office based anesthesia: Safety and outcomes in pediatric dental patients
Mentor: Dr. Juan F Yepes and Dr. Mark Saxen
Status: Proposal preparation

Dr. John Emhardt
Proposed title: Factors related to failed dental appointments under general anesthesia in a university hospital-based residency program
Mentor: Dr. Juan F Yepes
Status: Proposal preparation
**Dr. Kevin Brown**
Proposed title: Utilization of Medicaid and SCHIP by Indiana state dentist
Mentor: Dr. Juan F. Yepes and Dr. J. Jones
Status: Proposal preparation

**Dr. Emily Taylor**
Proposed title: Primary, secondary, and tertiary nicotine/tobacco exposure on streptococcus mutans biofilm and effect of polyphenols
Mentor: Dr. Richard Gregory
Status: Proposal preparation

**Dr. Megan Booie**
Proposed title: Pediatric phantom dosimetry and image quality of Kodak 9000 CBCT
Mentor: Dr. Juan F. Yepes
Status: Proposal preparation

The following research manuscripts, by current residents, past residents or faculty, have been accepted for publication or published since the last Issue of “Our Tree”:


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**MEET THE Class of 2017**

Amanda Braun  
*Indiana University*

Niekie Franklin  
*Baylor College of Dentistry*

Madison Galloway  
*University of Kentucky*

Patrick Gilbert  
*University of Louisville*

Patricia Gyasi  
*Meharry Medical College*

Elizabeth Powers  
*University of Nebraska*

Bradley Wyatt  
*University of Louisville*

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**BIENNIAL CONFERENCE NEWS**

*by Chad Hazeldrigg*

My oh my, time sure does fly! As most of you are aware, our Biennial conference is just a few weeks away! For those of you that have already registered, thank you so very much! For those of you that have not registered, what are you waiting for? There is still time to reserve your spot in our upcoming meeting...but hurry! A late registration charge will be applied if you register after April 3. Why wait? Sign up today!

As a reminder, a limited number of rooms have been reserved at the Crowne Plaza Hotel. Feel free to contact the hotel at (317)631-2221 to reserve your room. Please remember to ask for the Indiana University Pediatric Dentistry block of rooms.

Let’s make this the biggest and best Biennial conference we’ve ever had! If you have any questions, please don’t hesitate to contact myself (indykissfan@yahoo.com) or Karen Jones (kdeery@iupui.edu).

I’m looking forward to seeing all of you on April 17 and 18 at the Crowne Plaza Hotel.

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**SAVE THE DATE!**

*IUPDAA SUITE at AAPD MEETING IN SEATTLE*

*by Greg Westman*

Please plan to visit the IUPDAA Alumni Suite during the 2015 AAPD meeting in Seattle. The alumni suite will be in the Grand Hyatt Seattle, Carrara Suite (29th Floor), 721 Pine Street, a block from the Washington State Convention Center where the AAPD meeting is being held. The suite will open at 5:00 pm May 21, just before the AAPD Welcome Reception. Please plan to attend the suite on Friday May 22 at 6:00pm, when we will have the program directors remarks, resident introductions and an announcement by Dean Williams. The residents are presently planning a theme and decorations for the suite. This is a great chance to meet up with old friends. The suite will remain open through Saturday evening. Looking forward to seeing everyone in Seattle.
IUPDAA SUITE SCHEDULE

Grand Hyatt Seattle
Carrara Suite | 29th Floor
921 N. Pine Street
5:00 p.m. – Midnight

It will be a busy time in Seattle but we hope you take time out to come to our suite and catch up with friends and classmates. The AAPD Welcoming Reception is from 7:00-10:00 p.m. at The Best of Seattle Center on Thursday night. Friday night will be our special program; Dean John Williams will join us for some remarks. On Saturday night the Healthy Smiles Gala is from 7:00-10:00 p.m. We will have our suite open for alumni to come before and after events and during times when the AAPD has nothing scheduled. The suite is open daily from 5:00 p.m. – midnight. Look for an invitation to arrive in April with additional details.

| Thursday, May 21, 2015  | 5:00 p.m. | Suite opens
| 7:00-10:00 p.m. | AAPD Welcome Reception at The Best of Seattle Center. |
|-----------------------|----------|-----------------------------------------------------|
| Friday, May 22, 2015  | 5:00 p.m. | Suite Opens
| 6:00 p.m. | Dean John Williams Remarks, Program Director Update, Resident Introductions, Special Activities. |
| Saturday, May 23, 2015 | 5:00 p.m. | Suite Opens
| 7:00-10:00 p.m. | Healthy Smiles, Healthy Children Gala at the Museum of Flight |

Please stop by and visit the residents at their poster presentations. Here is the list of our residents and their topics:

2015 AAPD Annual Session in Seattle, WA

Resident Research Poster Presentations

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<th>CO-AUTHORS</th>
<th>RESIDENT</th>
<th>TITLE</th>
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<td>Richard Gregory, Brian Sanders, James Jones, LaQuia Vinson, George Eckert</td>
<td>Samantha Clark</td>
<td>Effects of Commonly Prescribed Liquid Medications on Streptococcus mutans Biofilm Development</td>
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<td>Richard Gregory, LaQuia Vinson Brian Sanders, Judith Chin, George Eckert, Angela Timlin</td>
<td>Matthew Damin</td>
<td>Effects of Non-dairy Milk Beverages on Streptococcus mutans Biofilm Development</td>
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<tr>
<td>Richard Gregory, LaQuia Vinson, Brian Sanders, James Jones, Angela Tomlin</td>
<td>Roger Dotsey</td>
<td>The Effects of Cola-Flavored Beverages and Caffein on Streptococcus mutans Biofilm Formation and Metabolism</td>
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<td>Richard Gregory</td>
<td>Laura Hinds</td>
<td>Effect of Infant Formula on S. Mutans Biofilm Formation</td>
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<td>L. Jack Windsor, LaQuia Vinson, Brian Sanders, James Jones, George Eckert, Frank Lippert, Angela Tomlin</td>
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<td>Effects of Stannus Fluoride and Sodium Fluoride on Human Gingival Fibroblasts: Toxicity and Matrix Metalloproteinase Expression</td>
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<td>Frank Lippert, Richard Gregory, Brian Sanders, Tiawan Ware, Angela Tomlin, George Eckert</td>
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<td>Fluoride Release under Acidic Conditions by Commercially Available Beverages</td>
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<td>Jeffrey Platt, Brian Sanders, James Jones, LaQuia Vinson, Angela Tomlin</td>
<td>Jaime Orrick</td>
<td>The Effects of Cyclic Fatigue on the Fracture Resistance of Three Esthetic Pediatric Crowns</td>
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Co-Authors | Resident | Title
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Jeffrey Dean | Kevin Brown | Odotogenic infection and its progression to facial cellulitis
Juan Yepes, James Jones | John Emhardt | Hemostatic Management of a Patient with Ewing’s Sarcoma Undergoing Chemotherapy with Vacuum-Formed Retainer
Juan Yepes | Rebecca Frazer | CBCT’s Niche in Pediatric Dentistry: Identifying Positions of Malpositioned Teeth
Brian Sanders | Leah Rippy | Neonatal Teeth in 3 month year old female: A Case Study
James Jones | Allison Spera | Use of a Mouthpiece for Written Communication in a Patient with Arthrogryposis
Brian Sanders | Emily Taylor | Emergent Treatment of a Patient with Autism Spectrum Disorder in the OR

**Barber’s Love of Music Leads to After Hours Jam Sessions**

*Owner of Evans barbershop relaxes with his music*

We thought you might enjoy this article about our own, Dr. Phil Miller. A special thanks to Jim Blaylock of the *Columbia County News-Times* for allowing us to reprint this article.

**By Jim Blaylock Staff Writer**

When Dennis Adkins had to decide between his vocation and his avocation, the Evans resident figured out a way to enjoy the best of both worlds.

Adkins, the owner of Dennis’ Place barber shop, has been a licensed barber for more than 50 years and has been playing bluegrass and country tunes on his guitar just about as long.

Currently, Adkins plays after hours with his friend and customer Phil Miller, a pediatric dentist and a former member of a barbershop quartet.

Miller hadn’t been playing much until Adkins asked him to join him after hours for a jam session.

Adkins, who plays a Fender Telecaster electric guitar, keeps a spare Fender acoustic guitar on hand for some of his talented customers to use.

They play in the back of the shop because, as Adkins explained, “If we played in the front, people would hear and we’d have to start charging admission.”

Every three weeks for more than a year, Miller has been scheduling a haircut for the last appointment of the day, after which they lock up the shop and tune up the guitars.

Songs ranging from Hank Williams Sr. to Willie Nelson flow nonstop for the next hour or so.

“My wife will tell you that this is the highlight of my month,” Miller said.

Adkins has played along with numerous customers and colleagues over the years.

He recalls years ago when a group in Thomson would frequently play until four in the morning.

Adkins, who never took guitar lessons and can’t read music, learned to play by ear. Whenever he has a break between customers, he entertains himself by playing along with a country-western channel on satellite radio.

The result is an encyclopedia of tunes and lyrics accumulated inside his head.

A line from the Willie Nelson song, On the Road Again – “The life I love is making music with my friends” – seems to sum up Adkins’ philosophy perfectly.

“I get to come to work and hang out with my friends all day and get paid too,” Adkins said. “Why would I want to retire?”

His motto is, “The haircut is free; the conversation costs $14.”

Photo by Jim Blaylock

*Dennis Adkins (left), owner of Dennis’ Place Barber Shop, strums country-western ballads with long-time friend Phil Miller.*
**RESIDENT UPDATE**

*by Lauren Mummert*

We are surviving the chilly temperatures at Riley and are still praying for a snow day. All seven of the second year residents were able to escape the cold weather to attend the AAPD Comprehensive Review course in Fort Lauderdale. The course truly was a review course for the residents, which provided confirmation of the strength of the residency program.

On Monday, January 26, the Match results were released. Amanda Braun (Indiana), Nieka Franklin (Baylor), Madison Galloway (Kentucky), Patrick Gilbert (Louisville), Patricia Gyasi (Meharry), Elizabeth Powers (Nebraska), and Bradley Wyatt (Louisville) will begin residency at Riley on July 1, 2015. We look forward to welcoming them to Indianapolis.

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Roger Dotsey

Roger most enjoys the conversations that take place in the residents’ room. Second to this, his favorite sound at the hospital is the snap of a well-fitting stainless steel crown. Although he loves Riley, he looks forward to getting paid more than a resident’s salary next year. Roger has many interests outside of dentistry, including analyzing movies and television with his wife and friends. He also enjoys video editing and has already begun teaching his one-year-old son how to produce a successful Facebook video.

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Laura Hinds

Like Roger, Laura also loves the snap of a perfectly fitting SSC and has described the sound as “music to her ears.” Although she will miss socializing in the tiny, cozy residents’ room, she looks forward to hopefully making more than a resident’s salary next year. Laura is a woman of many talents, including playing the piano. The residents hope that one day she will invite everyone to her house for a private concert. When the temperature increases to a bearable level, she will get outside to play golf.

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Lauren Mummert

Lauren’s favorite pedo procedure is the exam, prophy, fluoride trifecta, and she particularly enjoys dietary counseling with unreceptive parents. She will miss the collection of yellow-gowned residents, all the adventures they have had, and lessons they have learned together, but she looks forward to continuing to learn in private practice. In her spare time, Lauren enjoys taking classes at the gym, and her hidden talent is box jumping at boot camp.

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Jaime Orrick

Jaime finds great entertainment in the conversations that take place in the residents’ room, but looks forward to moving back to St. Louis and beginning her own private practice. Her office will be the best decorated in the area, as she enjoys looking at interior decorating ideas on the Houzz app for iPhone. Jaime’s least favorite pedo procedure is the ever-challenging resin crown, so we anticipate many NuSmile and zirconia crowns in her future.

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Devin Shone

Devin has enjoyed the strong friendships he has formed in residency. He will miss his co-residents as he begins his career in pediatric dentistry but looks forward to establishing himself as a pediatric dentist. Devin, like his fellow second years, enjoys a good SSC, but also appreciates the challenge of a resin crown. He enjoys playing volleyball and basketball in recreational leagues and has been known to participate in “dance-offs” with mascots at professional and semi-professional sporting events.

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**SECOND YEAR RESIDENTS**

*Samantha Clark*

Sam is looking forward to beginning her career as a pediatric dentist and building relationships with patients and their families. However, she will miss the camaraderie between residents. Samantha has identified pulpotomies as her favorite pedo procedure and will continue her quest in choosing her favorite hemostatic agent. In her free time, Samantha takes ceramics classes, and she has truly become a master artist. Look for her work to be featured in a custom home décor store near you!

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*Matthew Damin*

Matt will miss his co-residents next year but looks forward to beginning working in a private practice this summer and all the challenges he will face. Matt is secretly the fastest lower lingual holding arch wire bender this side of the Mississippi and often offers his assistance to other residents who are not as gifted in the art of wire bending. When he is not busy with his favorite procedure, extracting primary molars, you can find Matt driving back and forth from Bowling Green, Kentucky, where he plays in an indoor soccer league.

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*Residents on the Circle Downtown Indianapolis*
**FIRST YEAR RESIDENTS**

**Megan Booe**

In her first year of residency, Megan has identified little tooth #7 as her favorite tooth, and she really likes preparing it for a SSC. Pediatric dentistry has infiltrated Megan’s life – she even turns kids’ songs into dental songs in her spare time. Although she has learned much while on call, she looks forward to being on second call next year. When she is not re-writing song lyrics, she does Burst Fit Fire, to which her co-resident Kevin introduced her.

**Kevin Brown**

Kevin also looks forward to a lighter call schedule as a second year and cannot wait to finish his research project. He is also excited to find the perfect job opportunity. Kevin is a particularly brave resident, and his treatment of choice is “front four extractions on an awake, non-sedated 2-year-old. Totally fun.” Kevin is an avid golfer and snowboarder and has even been known to do 360’s and 540’s on a snowboard.

**Leah Davis**

Leah has gotten married since the last newsletter and is currently navigating the process of changing her last name, taking enthralling trips to the social security office and BMV. She and her husband travel to antique stores and auctions to buy furniture to repurpose. She looks forward to returning to Illinois after residency and being an active member of the community in which she was raised. Leah’s favorite pedo procedure is preparing a good old SSC. During intraoral exams, she spends time looking for patients who share her hidden talent, which is touching her tongue to her nose.

**John Emhardt**

John's favorite hobby is golfing, to which he looks forward when the weather warms up. In the wintertime, he likes to utilize his indoor hidden talent, which is playing foosball. Recently, there was a foosball table website pulled up on a residents’ room computer, so perhaps John is planning to purchase one for Riley. John will miss the second year residents next year, but he will not miss first call. John has received a plethora of patients with interesting dental needs, and his favorite procedure is the “expose and button” to bring unerupted or intruded permanent teeth into occlusion. He hopes to pass along this talent to the new first year residents.

**Rebecca Frazer**

Becky has enjoyed her first year of residency and looks forward to gaining more experience in the operating room and in sedation as a second year. Becky practiced in the Navy as a general dentist and has stated she much prefers preparing teeth for SSC’s than preparing and impressing adult teeth. She is confident in her decision to pursue pediatric dentistry. When Becky is not at Riley, she enjoys spending time with her husband and two daughters, all of whom love listening to music. Her secret talent is running, and she plans to run more in the coming year.

**Allison Spera**

Alli has amassed a great deal of knowledge during her first year of residency and eagerly anticipates sharing this with the new first years. She likes a variety of pediatric dental procedures, but her face really lights up every time she sees the planned extraction of maxillary incisors on her schedule. Alli’s current favorite activity is trying out restaurants in Indianapolis, none of which can whip up Brussels sprouts quite like she can. We pleasantly discovered during interviews that she is also a very talented cookie and bread baker.

**Emily Taylor**

Despite being one of the kindest, gentlest residents at Riley, Emily is an avid fisherman and hunter, and her secret talent is airplane riveting! When she is forced to be indoors, she enjoys extracting primary teeth, particularly maxillary incisors. She looks forward to exploring private practice opportunities as a second year and beginning to plan her future. We hope that her dental office will have a camouflage theme with hunting games available on ceiling-mounted televisions.
In Loving Memory of

DR. TOM KIEBACH

Dr. Tom Kiebach, Class of 1975, passed away suddenly on 11/10/14. Tom will be remembered by many, many people he touched in his life. The sad news is still difficult for his family, friends and fellow alumni in our association to accept. Tom cherished the Pediatric Dental education he received in Indiana. He appreciated the opportunity his practice and teaching allowed him to “speak out” for children. The display above was created for his service in Baton Rouge. Phil Miller will say a few words about his good friend at the biennial dinner in April.

Congratulations
TO DR. GEORGE A. ADAMS

Dr. George A. Adams was inducted as a Fellow of the International College of Dentists at its 85th Annual Convocation in San Antonio, Texas, on October 10, 2014.

The College presented Dr. Adams with a membership plaque, a gold lapel pin and a gold key symbolic of this Fellowship for conspicuous service rendered in the art and science of dentistry.

Dr. Adams received his DDS degree in 1974 and his MSD degree in 1978 from Indiana University School of Dentistry. Congratulations!