

## RESEARCH GROUP

### Ph.D. Graduates:

1. Mi-kyoung Park – *Hong-Ik University*, Korea (Ph.D. 2003) – Chemistry
2. Jason Locklin – *Millsaps College*, USA (Ph.D. 2004) – Chemistry
3. Derek Patton – *Jacksonville State University*, USA (Ph.D. 2006) – Chemistry
4. Suxiang Deng – *USTC*, China (Ph.D. 2006) – Chemistry
5. Prasad Taranekar – *Pune National Chem. Lab.*, India (Ph.D. 2006) – Chemistry
6. Tim Fulghum – *Univ. of Alabama, Birmingham*, USA (Ph.D. 2007) – Chemistry
7. Yushin Park – *Yonsei University*, Korea (Ph.D. 2009) – Chemistry
8. Jin Young Park – *Dong-A University*, Korea (Ph.D. 2009) – Chemistry
9. Jiang Guoqian – *USTC*, China (Ph.D. 2009) – Chemistry
10. Ramakrishna Ponnappati - *Pune National Lab*, India (Ph.D. 2009) – Chemistry
11. Lalithya Jayarathne – *Univ. of Peradeniya*, Sri Lanka (Ph.D. 2009) – Chemistry
12. Antonello Frau - *University of Sassari*, Italy (Ph.D. 2009) – Chemistry
13. Maria Celeste Tria – *University of the Philippines*, PI (Ph.D. 2011) – Chemistry
14. Mary Jane Felipe – *University of the Philippines*, PI (Ph.D. 2011) – Chemistry
15. Roderick Pernites – *Mapua Institute of Technology*, PI (Ph.D. 2011) – Chemistry
16. Nicel Estillore – *University of Houston*, USA (Ph.D. 2011) – Chemistry
17. Edward Foster – *University of Houston*, USA (Ph.D. 2012) – Chemistry
18. Ajay Bunha – *University of Pune*, India (Ph.D. 2013) – Chemistry

### UAB Research Group from (1997-2002)

19. Chuanjun Xia – *Univ. of Science and Tech.*, China (Ph.D. 2002) – Chemistry
20. Xiaowu Fan – *Beijing University*, China (Ph.D. 2003) – Materials

### Ph.D. Sandwich Program (Co-Adviser)

21. Paralee Waenkaew (Ph.D. Chiang Mai Univ.) (Ph.D. 2006) – Chemistry
22. Saengrawee Sriwichai (Ph.D. Chiang Mai Univ.) (Ph.D. 2007) – Chemistry
23. Carlos David Grande (Ph.D. Univ. Del Valle) (Ph.D. 2008) – Chemistry
24. Chatthai Kaewtong (Ph.D. Chulalongkorn University) (Ph.D. 2007) – Chemistry
25. Dalia Apodaca (Ph.D. Univ. of the Philippines) (Ph.D. 2010) – Chemistry
26. Karina Milagros Cui (Ph.D. Univ. of Santo Thomas) (Ph.D. 2010) – Chemistry
27. Allan Cyago (Ph.D. Univ. of the Philippines) (Ph.D. 2013) – Chemistry
28. Sicily Tiu (Univ. of the Philippines) (Ph.D. 2014) – Chem. Eng.
29. Aileen Vergara (Univ. of Santo Thomas) (Ph.D. 2012) – Chemistry

### M.S. Graduates:

30. Chengyu Huang – *USTC*, China (M.S. 2006) – Chemistry
31. Veera Subramanian – *University of Madras*, India (M.S. 2006) – Mechanical Eng.
32. Chaitanya Danda – *Pune National Chem. Lab*, India (M.S. 2008) – Chemistry
33. Kalaga Venkata Subrahmanyam – (M.S. 2011) – Chemistry
34. Katherine Puno – *Mindanao State Univ*, PI (M.S. 2012) – Chemistry
35. Deepali Worlikar – *University of Mumbai*, India (M.S. 2012) – Chemistry

### Graduate Students (Ph.D. and M.S. Students):

- |   |                  |             |
|---|------------------|-------------|
| 36. Carlos Pinto – <i>UNAM, Mexico</i>                            | (2007)           | – Physics   |
| 37. Rebecca Tsai – <i>USTC, China</i>                             | (2004 - 2008)    | – Chemistry |
| 38. Tina Newsome – <i>Texas Southern University, USA</i>          | (2006)           | – Chemistry |
| 39. Ela Gupta – <i>University of New Delhi, India</i>             | (2006)           | – Biology   |
| 40. Ted Limpoco – <i>University of the Philippines, PI</i>        | (2005 - 2007)    | – Chemistry |
| 41. Ciser Cabarcas – <i>Univ. of Puerto Rico, USA</i>             | (2002 - 2004)    | – Chemistry |
| 42. John Kelley – <i>Louisiana State University, USA</i>          | (2003 - 2004)    | – Chemistry |
| 43. Angela Francis – <i>University of Houston, USA</i>            | (2008 - 2009)    | – Chemistry |
| 44. Brylee Tiu – <i>University of the Philippines, PI</i>         | (2010 - present) | – Macro     |
| 45. Al De Leon – <i>University of the Philippines, PI</i>         | (2010 - present) | – Macro     |
| 46. Kim Mangcopa – <i>Ateneo de Manila University</i>             | (2010 - 2012)    | – Chemistry |
| 47. Katrina Pangilinan – <i>Univ. of the Philippines, PI</i>      | (2010 - present) | – Macro     |
| 48. Pengfei Cao – <i>USTC, China</i>                              | (2010 - present) | – Macro     |
| 49. Joey Mangadlao – <i>University of the Philippines, PI</i>     | (2010 - present) | – Macro     |
| 50. Jennifer Espartero - <i>University of the Philippines, PI</i> | (2013 - present) | – Macro     |
| 51. Feimo Shi – <i>USTC, China</i>                                | (2010 - present) | – Macro     |
| 52. Zhe Su – <i>USTC, China</i>                                   | (2010 - present) | – Macro     |

#### **Postdoctoral Scholars**

- |  |               |
|--|---------------|
| 1. Dr. Kenji Onishi (TUAT)                     | (2001 - 2004) |
| 2. Dr. Akira Baba (Niigata University)         | (2003 - 2007) |
| 3. Dr. Mitchel Millan (Brandeis university)    | (2003 - 2005) |
| 4. Dr. Wei Wang (UNC- Chapel Hill)             | (2007 - 2008) |
| 5. Dr. Vetrichelvan Muthalagu (NUS, Singapore) | (2007)        |
| 6. Dr. Pampa Dutta (Jadavpur University)       | (2007- 2009)  |
| 7. Dr. Tsuyoshi Hyakutake (Waseda University)  | (2008- 2009)  |

#### **UAB Research Group from (1997-2002)**

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| 8. Dr. Seiji Inaoka (Georgia Institute of Technology)    | (1998 - 2000) |
| 9. Dr. Yingfan Wang (Indiana University-PUI)             | (1998 - 1999) |
| 10. Dr. Ji Ho Youk (Seoul Nat. Univ., U. Mass., Amherst) | (2000 - 2002) |
| 11. Dr. Shuangxi Wang (Nanjing Univ., Kent State Univ.)  | (2000 - 2002) |
| 12. Dr. Qing-Ye Zhou (Pianjing University, MIT)          | (1999 - 2001) |

#### **Foreign Students, Exchange Visitors, Co-Advised Students**

- |  |               |
|--|---------------|
| 1. Prof. Hyun-Kyu Shin (Pohang Inst. of Tech.)       | (2005 - 2006) |
| 2. Kang Min Park (MS student Dong-A University)      | (2005 - 2006) |
| 3. Aya Ikarashi (MS Student, Niigata University)     | (2004 - 2005) |
| 4. Hiroshi Ikarashi (MS Student, Niigata University) | (2004 - 2005) |
| 5. Takayuki Hayashi (MS Student, Kansai University)  | (2005)        |
| 6. Xinheng Li (Ph.D. Student, Tokyo Inst. Of Tech.)  | (2005)        |
| 7. Sungmee Cho (MS Student, Hong-Ik University)      | (2006 - 2007) |
| 8. Mansour Abdulbaki (MS Student, UH, Chem. Eng.)    | (2005 - 2006) |
| 9. Prof. Sang-Mok Chang (Dong-A University)          | (2006 - 2007) |
| 10. Gaelle Besnard (MS, CPE, Lyon)                   | (2006 - 2007) |
| 11. Prof. Young-Soo Kwon (Dong-A University)         | (2007 - 2008) |

12. Laura Millan (M.S. Univ. del Valle, Colombia) (2008)
13. Ailin Alegria (M.S. Univ. del Valle, Colombia) (2008)
14. Toshinori Fujie (Ph.D. Waseda University) (2008)
15. Seung-Jin Kim (Dong-A University) (2008)
16. Hanae Ohtsuka (Tokyo Univ. of Agr. Tech.) (2010)
17. Dr. Ken Albrecht (Tokyo Institute of Tech.) (2010)
18. Gillian Macusi (Univ. of the Philippines) (2010 – 2011)
19. Shemiah Pascua (Univ. of the Philippines) (2010 – 2011)
20. Dr. Marilou Dalida (Univ. Of the Philippines) (2011)
21. Dr. Rizalinda de Leon (Univ. Of the Philippines) (2011)
22. Ya-Chi Wang (National Taiwan University) (2012)
23. Kazuya Matsumoto (Kansai University) (2012)
24. Misato Yagisawa (Tokyo Univ. of Agr. Tech) (2012)
25. Edward Prince Atayde (Univ. of the Philippines) (2011-2012)
26. Almario Baltazar, Jr. (EDC) (2011-2012)
27. Enrile Bernardo (Univ. of the Philippines) (2013-2014)
28. Kramer Joseph Lim (Univ. of the Philippines) (2013-2014)
29. Richard de Guzman (EDC) (2013-2014)
30. Rhemal Tamboboy (EDC) (2013-2014)
31. Michelin Ang (Univ. of the Philippines) (2014)
32. Raiza Imperial (Univ. of the Philippines) (2014)

**UAB Research Group from (1997-2002)**

33. Masatoshi Kidowaki (Ph.D., Japan- TIT) (1998)
34. Akira Baba (Ph.D., Japan, Niigata University) (1998)
35. Noriko Satoh (M.S. Japan, TUAT) (1998)
36. George Sakellariou - (Ph.D., Greece, Univ. of Athens) (2000 - 2001)
37. Shigetaka Hayano (Ph.D., Japan, Kyoto University) (1999)
38. S. Abdul Karim (Ph.D., Japan, Kyoto University) (2001)
39. Hiroyuki Yamagami (M.S., Japan, TUAT) (2001)
40. Dr. Kazunari Shinbo (Assoc. Prof., Niigata Univ.) (2001)

**Undergraduate Students** (NSF-REU and supported by the Advincula Group):

1. Matthew Meredith (Oklahoma Christian College) (2003)
2. Gabriel Clyde (UH) (2003 - 2005)
3. Amado Guloy (UT Austin) (2003)
4. Yu Liu (UN at Lafayette) (2003)
5. Risheng Xu (UH) (2004 - 2006)
6. Pemieson Diep (UH) (2004)
7. Matthew Mullings (Abeline Chirstian University) (2004)
8. Arthur Rogers (UH) (2004 - 2005)
9. Sabin Thomas (UH) (2005)
10. Alexis Marfuro (UT PANAM) (2005)
11. James Chen (UH) (2005)
12. Greg Krueger (UH) (2005 - 2006)
13. Rana Kashif Khan (UH) (2006)

14. Dao Hoang (UH) (2006 - 2008)
15. Yasser Burhani (UH) (2006 - 2007)
16. Yieu Chyan (UNT) (2005 - 2007)
17. Clayton Ayers (U Chicago) (2005 - 2007)
18. Anthony Belk (UH) (2007)
19. Sharon Tse (Syracuse University) (2007)
20. Simon Maaland (UH) (2007 - 2008)
21. Felix Thran (UH) (2007 - 2008)
22. Jonathan Pullen (UH) (2007 - 2008)
23. Thomas J. Lane (Pomona College) (2007 - 2008)
24. Joshua Tapp (UH) (2007)
25. Jonathan Vargas (UH) (2007 - 2008)
26. Birte Wolf (UH) (2007 - 2008)
27. Andrea Schlather (UH) (2008 - 2009)
28. Chau Vu (UH) (2008 - 2009)
29. Jennifer Gonzalez (UH) (2008 - 2010)
30. Michael Robinson (UH) (2009)
31. Steven Addison (UH) (2009 - present)
32. Amani Kawach (2010)
33. Joseph Larra (UT Brownsville) (2009)
34. Kelly Davila (UH) (2009)
35. Thu Nguyen (UH) (2009)
36. Nicole Marie Flores (UH) (2009)
37. Elizabeth Thompson (UH) (2010)
38. Miguel Maldonado (UH) (2010)
39. Brandon Preble (UH) (2010)
40. Phoun Thrang-Ha (UH) (2010)
41. Kyle Potts (UH) (2010 -2011)
42. Youngsoo Park (UH) (2011)
43. Viet Lam (UH) (2011-2012)
44. Nick Biddle (UH) (2011)
45. La Tesha Smith (UH) (2011)
46. Kimberly DeGracia (UT Austin) (2012)
47. Rebecca Frederick (CWRU) (2012-present)
48. Jonathan O'Donnel (CWRU) (2012-present)
49. Patrick Thomas (CWRU) (2012-present)

**UAB Research Group from (1997-2002)**

50. Eric Fells (UAB) (1998-1999)
51. Dan Philipps (Pensacola Christian) (1998)
52. Joannetta Guzman (Univ. of Florida) (1998)
53. Jeremy Stidham (UAB) (1998)
54. Eric Wallace (UAB) (1999)
55. Seth Stepleton (Samford) (1999 - 2000)
56. Chip Holloway (Univ. of Montevallo) (1999)
57. Alicia Fields (UAB) (2000)

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| 58. Iman Shelton (Univ. of Tennessee)    | (2000)        |
| 59. Robert Reynolds (UAB)                | (2000)        |
| 60. Ola Janik (UAB)                      | (2000)        |
| 61. Cara Monroe (Oakwood Coll.)          | (2000 - 2001) |
| 62. Hilary Spencer (Pensacola Christian) | (2001)        |
| 63. Andy Prussia (Pensacola Christian)   | (2001)        |

**High School Students** (Welch Foundation, Houston Science Club (HSC), and Alabama Project SEED at UAB):

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|--|---------------------|
| 1. Aneil Kochar                        | (2006) - HSC        |
| 2. Kimberly Do                         | (2006) - HSC        |
| 3. Clayton Ayers                       | (2005 - 2008)       |
| 4. Christian Oncescu                   | (2004) - Welch      |
| 5. Rocky Byers                         | (2004) - Welch      |
| 6. Stephanie Reed                      | (2004) - UAB        |
| 7. Jahzmin Young                       | (2004) - UAB        |
| 8. Charlie Juarez                      | (2004) - UAB        |
| 9. Rafael Hacuja                       | (2003) - Welch      |
| 10. Alex Corona                        | (2003) - Welch      |
| 11. Jakob Layman                       | (2003 - 2004) - UAB |
| 12. Kenneth Rodriguez                  | (2003) - UAB        |
| 13. Jacques Finley                     | (2003) - UAB        |
| 14. Lee Pope                           | (2003) - UAB        |
| 15. Wally Blanton: High school teacher | (2003 - 2004) - UAB |
| 16. Glen Guan                          | (2006) - Welch      |
| 17. Alex Marches                       | (2006) - Welch      |
| 18. Alex Hsu                           | (2007) - Welch      |
| 19. Andrew Gonzales                    | (2008) - Welch      |
| 20. Seorim Song                        | (2008) - Welch      |
| 21. Nikhil Iyer                        | (2009 - Present)    |
| 22. Neesha Nauma                       | (2009) - Welch      |
| 23. Kaushik Kannan                     | (2009) - Welch      |
| 24. Ishita Madan                       | (2010) - Welch      |
| 25. Sammie Truong                      | (2010) - Welch      |
| 26. Will Coggins                       | (2011) - HEP        |
| 27. Jeremy Gallagher                   | (2011) - HEP        |
| 28. Michelle de Gracia                 | (2012) - CWRU       |
| 29. Janine Walker                      | (2012) - CWRU       |

**UAB Research Group from (1997-2002)** (Alabama Project SEED and UAB High School Internship program):

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|--------------------|---------------|
| 30. Nathalie Jones | (1998)        |
| 31. Amy Walton     | (1999)        |
| 32. Gautham Bathia | (1999 - 2000) |
| 33. Chiara Foy     | (2000)        |
| 34. Anthony Dale   | (2001)        |

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| 35. Alaina Tarver                        | (2001)        |
| 36. Elijah Eldridge                      | (2001)        |
| 37. Jordan Madaris                       | (2001)        |
| 38. Pasha Minallah                       | (2000)        |
| 39. Wally Blanton – High school teacher  | (2000 - 2002) |
| 40. Richard Colley – High school teacher | (2001)        |

### Group and Individual Awards:

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|--|--------|
| 1. Rigoberto C. Advincula – Arthur Doolittle Award, PMSE Division, ACS   | (2003) |
| 2. Amado Guloy - Sigma Xi Best Poster Award (undergrad), UCLA Conference   | (2003) |
| 3. Arthur Rogers - Sigma Xi Best Poster Award (undergrad), UH Conference   | (2005) |
| 4. Arthur Rogers and Derek Patton - <i>ACS Colloids Division, Best Poster Award, 227<sup>th</sup> ACS National Meeting</i> , first runner up | (2005) |
| 5. Risheng Xu - Best Poster UTMB, 19 <sup>th</sup> Annual Undergrad. Research Symp.  | (2005) |
| 6. Jason Locklin - Dow Chemical Fellowship- Outstanding 4 <sup>th</sup> Year Student   | (2004) |
| 7. Jason Locklin - Cullen Fellowship- Outstanding Graduate TA  | (2003) |
| 8. Prasad Taranekar - Excellence in Graduate Polymer Research ACS Award  | (2006) |
| 9. Prasad Taranekar - Dow Chemical Fellowship- Outstanding 4 <sup>th</sup> Year Student  | (2005) |
| 10. Derek Patton - Pennzoil Graduate Fellowship- Outstanding 5 <sup>th</sup> Year Student  | (2005) |
| 11. Derek Patton - Sigma Xi Best Poster Award (Graduate), UH Conference  | (2005) |
| 12. Derek Patton - Sigma Xi Graduate Research Achievement Award, UH  | (2006) |
| 13. Suxiang Deng - Pennzoil Graduate Fellowship- Outstanding 5 <sup>th</sup> Year Student  | (2006) |
| 14. Yieu Chyan – Siemens Science Competition Regional-finalist   | (2006) |
| 15. Yieu Chyan – Intel Science Talent Search-finalist  | (2007) |
| 16. Clayton Ayres – Siemens Science Competition Semi- finalist   | (2006) |
| 17. Yushin Park – Best Organic Teaching Assistant, University of Houston   | (2007) |
| 18. Ramakrishna Ponnappati – Best Organic Teaching Assistant, UH   | (2007) |
| 19. Tim Fulghum – Best 4th Year Graduate Student, UH   | (2007) |
| 20. Rigoberto Advincula – Research Excellence Award, UH  | (2007) |
| 21. Lalithya Jayarathne – Best Organic Teaching Assistant, UH  | (2008) |
| 22. Jin Young Park – Dow Chemical Outstanding Graduate Student, UH   | (2009) |
| 23. Ma Celeste Tria - Best Organic Teaching Assistant, UH  | (2009) |
| 24. Ma Celeste Tria - Best Speaker in Org. Chem. Division Seminar, UH  | (2008) |
| 25. Mary Jane Felipe -Best Poster (2nd place), Polyolefins Conference (SPE)  | (2009) |
| 26. Mary Jane Felipe - Best Speaker, Organic Chemistry Division Seminar, UH  | (2009) |
| 27. Mary Jane Felipe - TMPF Division Award, SPE Polyolefins Conference   | (2010) |
| 28. Rigoberto Advincula –Excellence in Undergraduate Research Mentoring, UH  | (2010) |
| 29. Roderick Pernites - ACS Colloids Div., <i>Best Poster Award, 240<sup>th</sup> ACS Mtg.</i>   | (2010) |
| 30. Nicel Estillore - ACS Colloids Div., <i>Best Poster Award, 240<sup>th</sup> ACS Mtg.</i>   | (2010) |

### Student Dissertation Committees

- |   |        |
|---|--------|
| Shaowen Hu, Ph.D. Chemistry, Univ. of Houston (Don Kori)          | (2006) |
| Subashini Asukan, Ph.D. Chemistry, Rice University (Michael Wong) | (2008) |
| Thirtha Chatterjee, Ph.D. Chem. Eng. (Ramanan Krishnamoorti)      | (2008) |
| Wenbo E, Ph.D. Chemistry, Univ. of Houston (Karl Kadish)          | (2004) |

Gyu Leem, Ph.D. Chemistry (T. Randall Lee) (2008)  
 Cynthia Mitchell, Ph.D. Chem. Eng., Univ. of Houston (Ramanan Krishnamoorti) (2006)  
 Catherine Santos, Ph.D. Chemistry, Univ. of Houston (Scott Perry) (2009)  
 Bhargaw Adibhatla, Ph.D. Chem.Eng., Univ. of Houston (Kishore Mohanty) (2006)  
 Kamlesh Kumar, Ph.D. Chem.Eng., Univ. of Houston (Kishore Mohanty) (2006)  
 Yulan Qi, M.S. Chemistry, Univ. of Houston (Xiaolian Gao) (2005)  
 Ramesh Sharma, Ph.D. Civil and Eng. Eng. Univ. of Houston (Shankar Chellam) (2004)  
 Haining Ji, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (2001)  
 Robert Cook, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (1999)  
 David Uhrig, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (2001)  
 Wei Wu, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (2002)  
 Jim Chuan Yang, Ph.D. Chemistry, UAB (Jimmy Mays) (2001)  
 Lujia Bu, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (2000)  
 Kunlun Hong, Ph.D. Chemistry, Univ. of Alabama at Birmingham (Jimmy Mays) (2001)  
 John G. Ramon, Ph.D. Chemistry, Univ. of Houston (Eric Bittner) (2007)  
 Hui Zhao, M.S. Chemistry, Univ. of Houston (Karl Kadish) (2005)  
 Keesu Jeon, Ph.D. Chem. Eng., Univ. of Houston (Ramanan Krishnamoorti) (2006)  
 Anna Matejko, M.S. Chemistry, Univ. of Houston (Xiaolian Gao) (2005)  
 Jun-Hyun Kim, Ph.D. Chemistry, Univ. of Houston (T. Randall Lee) (2005)  
 Maxence Deluge, Ph.D. Chemistry, Univ. of Houston (Chengzhi Cai) (2006)  
 Andrew Tangonan, Ph.D. Chemistry, Univ. of Houston (T. Randall Lee) (2008)  
 Rachel Garcia, Ph.D. Chemistry, Univ. of Houston (Karl Kadish) (2008)  
 Mai Ha, Ph.D. Chem. Eng., Univ. of Houston (Ramanan Krishnamoorti) (2006)  
 Mansour Abdulbhaki, Ph.D. Chem. Eng., UH (Ramanan Krishnamoorti) (2006)  
 Ma. Athena Advincula, Ph.D. Biomed. Eng., UAB (Jack Lemmons) (2004)

**External Examiner**

Valasubramanian Venkataramanan, Ph.D. Chemistry, NUS (Suresh Valiyaveetil) (2003)  
 Cheng Daming, Ph.D. Chemistry, Nat. Univ. of Singapore (Hardy Sze on Chan) (2006)