

Academic Family Tree of Professor John Newman

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The field of electrochemical engineering, especially the design and analysis of electrochemical systems, has progressed greatly due to the work of Professor John Newman at the University of California, Berkeley. We present the academic family tree of Professor John Newman comprising his students and their students, and a list of theses and dissertations he directed at UC Berkeley. Professor Newman has graduated thirty Masters and forty three PhD students and seventeen have gone on to become faculty members.



Professor John Newman

Biography

Professor John Newman earned his bachelor's degree in chemical engineering in 1960 from Northwestern University. While at Northwestern University, he was an engineering co-op student at Oak Ridge National Laboratory. Professor Newman entered the University of California, Berkeley for graduate study, obtaining his master's degree in 1962, on current distribution in porous electrodes, under the guidance of Professor

Charles Tobias. In 1963, he obtained his doctorate on steady laminar flow past a circular cylinder at high Reynolds numbers. While a PhD student, he contributed to the preparation of major portions of the English edition of Levich's book, *Physicochemical Hydrodynamics*, published in 1962.

Shortly after receiving his doctorate, Professor Newman joined the faculty at UC Berkeley and became a full professor in 1970, where he currently holds the Charles W. Tobias Chair in Electrochemistry. He won the Young Author's Prize for his work¹ on current distribution on a rotating disk below the limiting current. In 1969, Professor Newman again won the Young Author's Prize for his work² with his student William Parish on modeling channel electrochemical flow cells. In 1985, he received the David C. Grahame Award of the ECS Physical and Analytical Electrochemistry Division. Professor Newman's book, *Electrochemical Systems*, published in 1973, with a second edition in 1991, and a third in 2004 (with co-author Karen E. Thomas-Alyea), is used throughout the world as a monograph and graduate text in electrochemical engineering. He is an ECS Fellow and an honorary member. His other awards include the Henry B. Linford Award for Distinguished Teaching in 1990, the Olin Palladium Medal in 1991, and the Vittorio de Nora Award in 2008. The title of Professor Newman's talk for the Vittorio de Nora Award was "From nW to TW," and it focused on his recent work on the derivations of the Onsager reciprocal relations for multicomponent diffusion, the electrochemical reduction of carbon dioxide and water to carbon monoxide and hydrogen, and the production of liquid fuels from renewable energy. He was associate editor for the *Journal of the Electrochemical Society* for 10 years starting in 1990.

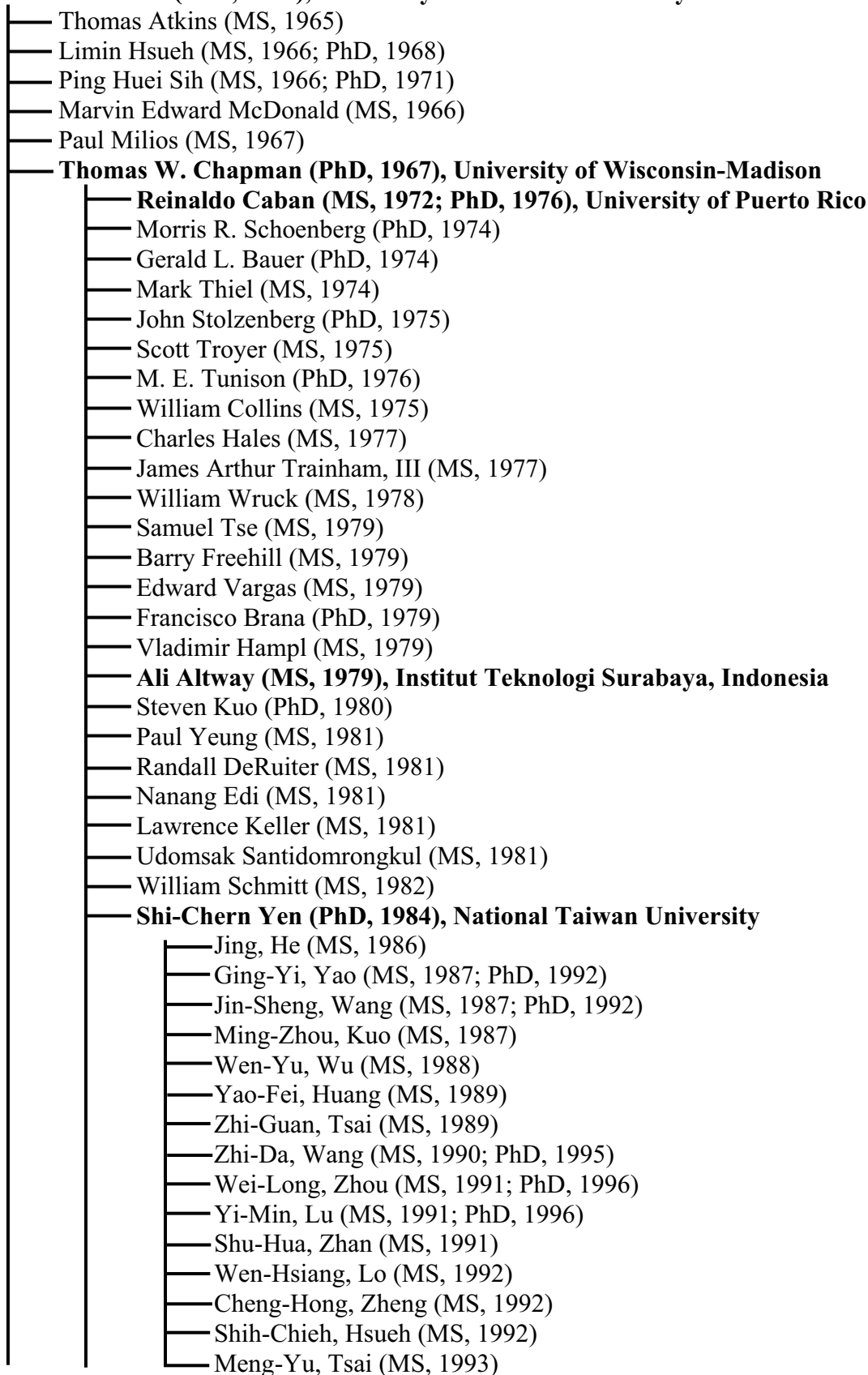
Professor Newman is also a Faculty Senior Scientist and Principal Investigator in the Environmental Energy Technologies Division at Lawrence Berkeley National Laboratory, where he is in charge of the Batteries for Advanced Transportation Technologies program. In 2002, he spent a semester as the Onsager Professor at the Norwegian University of Science and Technology in Trondheim, Norway, and in 1999, was elected to the National Academy of Engineering.

Academic Family Tree

We present the academic family tree of Professor Newman in the following section. We have highlighted his academic descendants who have gone on to become faculty members in bold. In the following table, we present the list of theses and dissertation directed by Professor Newman at UC-Berkeley along with their current position and address.

ACADEMIC FAMILY TREE OF PROFESSOR JOHN NEWMAN

John S. Newman (PhD, 1963), University of California-Berkeley



- Hung-I, Lo (MS, 1993)
- Jing Bin, Lin (MS, 1994)
- Qing Xiong, Chen (MS, 1994)
- Guan Zheng, Hou (MS, 1994)
- Hui Zhen, Gao (MS, 1995)
- Ru Li, Zheng (MS, 1995)
- Shi-Hong, Liao (MS, 1996)
- Jia-Fang, Wu (MS, 1997)
- Bo- Xuan, Lin (MS, 1997)
- Yuh-Fen, Huang (MS, 1998)
- Zi-Qian, Yen (MS, 1998)
- Chung-Tsien, Chen (MS, 1998; PhD, 2008)
- Pei-Yi, Liu (MS, 1999)
- Tzu-Hsuan, Tsai (MS, 1999; PhD, 2003)
- Chi-Lung, Chang (MS, 1999)
- Yong-Fu, Wu (PhD, 2000)
- Ning-Yih, Sheu (MS, 2000; PhD, 2006)
- Jiun-Jie, Yang (MS, 2000)
- Yu-Xiang, Lin (MS, 2000)
- Yi-Mao Lin (PhD, 2001)
- Cyun-Yao, Lin (MS, 2001)
- Cheng-Yin, Tsai (MS, 2001)
- Meng Chia, Cheng (MS, 2001)
- Kun-Shen, Shen (MS, 2002)
- Hou-De, Lu (MS, 2002)
- Tsung-Wei, Tzeng (MS, 2002)
- Yi-Chen, Wang (MS, 2003)
- Chun-Yao, Lo (MS, 2003)
- Shin-Bin, Chou (PhD, 2004)
- Jiun-Shian, Kuo (MS, 2004)
- Wen-Hsiung, Lu (MS, 2005)
- Chun-Cheng, Wu (MS, 2005)
- Yi-Hung, Liu (MS, 2005)
- Jen-Hsiung, Lu (MS, 2005)
- Shao-Ling, Wu (MS, 2006)
- Da-Wei, Lin (MS, 2006)
- Han-Bang, Chen (MS, 2006)
- Chih-Hao, Kuo (MS, 2006)
- Jui-Hsiung, Huang (PhD, 2007)
- Po-Han, Huang (MS, 2007)
- Ying-Cheng, Lan (MS, 2007)
- Sheng-Wei, Cheng (MS, 2007)
- Pei-Yuan, Chung (MS, 2008)
- Tzu-Han, Lin (MS, 2008)
- Ti- Chiang, Chueh (MS, 2008)
- William J. Wruck (PhD, 1984)
- Michael Farin (MS, 1984)
- Richard A. Wallden (MS, 1984)
- Kathleen P. Barton (MS, 1985; PhD, 1987)

- Mark F. Mathias (PhD, 1987)
- Michael A. Alexander (PhD, 1988)
- Myriam Ulrike Kuppinger (MS, 1988)
- Carlos M. Villa (PhD, 1993)
- Christopher S. Hofseth (PhD, 1993)
- Helena P. Stadniychuk (MS, 1994)
- Vinay Marathe (MS, 1968)
- **Kemal Nisancioglu (MS, 1970; PhD, 1973), Norwegian University of Science and Technology**
- Øystein Strandmyr (MS, 1977)
- Tore R. Andersen (MS, 1978)
- Knut Y. Davanger (MS, 1978)
- Ivar Nybø (MS, 1979)
- Aud I. Rasmussen (MS, 1979)
- Stein E. Rønningen (MS, 1979)
- Per S. Solheim (MS, 1979)
- Vegar Steiro (MS, 1981)
- Sigve Aabø (MS, 1983)
- Liv Odden (MS, 1982)
- Turid Dahl (MS, 1984)
- Arvid Supphellen (MS, 1984)
- John Braathen (MS, 1985)
- Tom Hallan (MS, 1986)
- Ragne Hildrum (MS, 1987)
- Trine L. Lambine (MS, 1987)
- Hilde Vatslid (MS, 1987)
- Ingegerd Aanonsen (MS, 1987)
- Berit K. Aaase (MS, 1987)
- Tor G. Tollefsen (MS, 1988)
- Jon K. Ramsvik (MS, 1991)
- Geir T. Solvi (MS, 1991)
- Siv Galteland (MS, 1993)
- Anne H. Nygård (MS, 1993)
- **Håvard Karoliussen (PhD, 1993), Sør-Trøndelag University College**
- Astrid Bjørgum (PhD, 1993)
- Thore Bergsaker (MS, 1994)
- Andreas Afseth (MS, 1995, PhD, 1999)
- Linda R. Børvik (MS, 1995)
- Karl K. Kobberstad (MS, 1995)
- Jan H. Nordlien (PhD, 1995)
- Håkon Leth-Olsen (PhD, 1996)
- Øystein Birketveit (MS, 1997)
- Morten Svenning (MS, 1997)
- Terje Tinbod (MS, 1997)
- Ann Mari Svensson (PhD, 1997)
- Harald Laugen (MS, 1998)
- Trine Løland (MS, 1998)
- Kari-Anne Landro (MS, 1999)
- Andre Mikkelsem (MS, 1999)

- Harald Miland (MS, 1999)
- Huyen D. H. Pham (MS, 1999)
- Harald L. Østerberg (MS, 1999)
- Lars H. Andersen (MS, 1999)
- Trond Haugen (MS, 1999)
- Bård A. Olsen (MS, 2000)
- Anette Pedersen (MS, 2000)
- Gaute Svenningsen (MS, 2000, PhD, 2005)
- Bjarte E. Haugstveit (MS, 2001)
- Tonje Berntsen (MS, 2002)
- Jan T. B. Gundersen (PhD, 2002)
- André Granå (MS, 2003)
- Kristian F. Heen (MS, 2003)
- Otto Lunder (PhD, 2003)
- Steinar Mollan (MS, 2003)
- Solveig C. A. Seknes (MS, 2003)
- Cecilie My Wo (MS, 2004)
- Martin S. Foss (MS, 2004)
- Kristin Huseland (MS, 2005)
- Trine Okstad (MS, 2005)
- Øystein Sævik (PhD, 2005)
- Stine S. Transeth (MS, 2005)
- Linn Boberg (MS, 2006)
- Tone Frydenberg (MS, 2006)
- Sølvi Slåtten (MS, 2006)
- Anne M. Pedersen (MS, 2006)
- Øyvind G. Rannestad (MS, 2006)
- Nina Ljones (MS, 2006)
- Merethe Falstad (MS, 2008)
- Ingunn Ramsdal (MS, 2008)
- Magnus Halvorsen (MS, 2008)
- Thanh T. Cao (MS, 2008)
- Kong-Heong Tan (MS, 1970)
- **Nader Vahdat (MS, 1972), Tuskegee University³**
- Harry Hung-Kwan Yip (MS, 1973)
- Robert Victor Homsy (PhD, 1974)
- Thomas James Edwards (MS, 1974; PhD, 1977)
- Charles Milton Mohr, Jr (PhD, 1975)
- Joseph John Miksis, Jr (MS, 1975)
- **Peter Willem Appel (PhD, 1976), Delft University of Technology**
- **Ralph Edward White (PhD, 1977), University of South Carolina**
- Mark Edmund (MS, 1980)
- Raju K. Hirani (MS, 1980)
- Bruce Blenkarn (MS, 1981)
- Susan Lorimer (MS, 1982)
- **John Van Zee (MS, 1982; PhD, 1984), University of South Carolina⁴**
 - Tzeng-Huann Teng (MS, 1985)
 - Chih-Ta Lee (MS, 1987)
 - Patrick C. Y. Chin (MS, 1988)

- Shu-Shan Zeng (MS, 1988)
- E. J. Markel (PhD, 1990)
- S. A. McCluney (1991)
- C. -T. Lee (PhD, 1991)
- D. A. Wingard (MS, 1991; PhD, 1996)
- Suzanne L. Blanton (MS, 1994)
- Hideki Sasaki (MS, 1995)
- Mahesh Murthy (PhD, 1997)
- Chien-Hsien Ho (PhD, 1997)
- Gowri Subramaniam Nagarajan (PhD, 1998)
- Woo-Kum Lee (PhD, 2000)
- Elizabeth Davis (MS, 2001)
- Lifeng Chen (PhD, 2001)
- Gowri Yeduvaka (MS, 2002)
- Jeffrey Glandt (MS, 2002)
- Sun-Hoe Kim (PhD, 2004)
- Rana Mohtadi (PhD, 2004)
- Joseph Edward Liedhegner (MS, 2004)
- Tao Gu (PhD, 2005)
- Herie Javier Soto (PhD, 2005)
- Wentao Wang (PhD, 2006)
- Murali Sankar Venkatraman (PhD, 2006)
- Scott Douglas Greenway (PhD, 2007)
- Tochi Tudor Nwoga (PhD, 2007)
- Joseph Holmes (MS, 1984)
- Donald Wolfe (MS, 1984)
- Michael Mader (MS, 1985)
- **Trung Van Nguyen (MS, 1985; PhD, 1988), University of Kansas**
 - Haitao Huang (MS, 1997)
 - Jung Seok Yi (PhD, 1998)
 - David Lee Wood, III (MS, 1998)
 - Mack W. Knobbe (MS, 2000)
 - Minh Vu Nguyen (MS, 2003)
 - Wensheng He (PhD, 2003)
 - Dilip Natarajan (PhD, 2004)
 - Guangyu Lin (PhD, 2006)
 - Heebong Ohn (MS, 2007)
- Shiuian Chen (MS, 1986)
- William Ryan (MS, 1986)
- Clifford Walton (PhD, 1987)
- Prosper Adanuvor (PhD, 1987)
- Eric Dimpault-Darcy (MS, 1987)
- Thomas Evans (PhD, 1988)
- Rodolfo Morales, Jr. (MS, 1988)
- Gary Simpson (MS, 1988)
- Stephen Ridge (MS, 1998)
- Zhenhua Mao (PhD, 1989)
- Frederic Jagush (MS, 1989)
- Ralph Fixel (MS, 1990)

- Teshome Hailu (MS, 1990)
- Taewhan Yeu (PhD, 1990)
- Rahul Bindlish (MS, 1991)
- Donald A. Curtis (MS, 1991)
- Ken-Ming Yin (PhD, 1991)
- Bhasker Dave (PhD, 1991)
- **Eric E. Kalu (PhD, 1991), Florida State University**
 - Aruna Kuruganti (PhD, 1998)
 - Renate Itoe (PhD, 1999)
 - Dibyendu De (PhD, 1999)
 - H.-H. Chen (MS, 2005)
- Oscar Mendoza (PhD, 1991)
- Deyuan Fan (PhD, 1991)
- Michael Kimble (PhD, 1991)
- Junbom Kim (PhD, 1992)
- Jenn-Feng Yan (PhD, 1992)
- Steven Lee (MS, 1992)
- Gurmeet Singh (MS, 1992)
- Makoto Kawanami (MS, 1992)
- Snezana Popova (MS, 1992)
- Mohammed A. Alwohaibi (MS, 1992)
- **Gautam Pillay (PhD, 1992), Rowan University**
- Guanghong Zheng (PhD, 1994)
- Pauline De Vidts (PhD, 1995)
- Rick Prieto (PhD, 1996)
- Surya Pakalapati (MS, 1992; PhD, 1996)
- Darryl Coleman (MS, 1994; PhD, 1996)
- Haraldo Duarte (PhD, 1996)
- Dawn See (PhD, 1998)
- Murali Ramasubramanian (PhD, 1998)
- Pranatharthi Haran Balasubramanian (PhD, 1998)
- Bradley Johnson (PhD, 1998)
- Dong Zhang (PhD, 1999)
- Pankaj Arora (PhD, 1999)
- Shannon Baxter (PhD, 1999)
- Ping Yu (PhD, 1999)
- Bin Wu (PhD, 2000)
- **Gerardine Botte (PhD, 2000), Ohio University**
 - Matt Cooper (MS, 2005)
 - Nilesh Sathe (MS, 2006)
 - Egilda Purusha Bonnin (MS, 2006)
 - Mahesh Biradar (MS, 2007)
 - Xin Jin (PhD, 2008)
- Anand Durairajan (PhD, 2001)
- **Venkat Subramanian (PhD, 2001), Tennessee Tech. University**
 - Deepak Tapriyal (MS, 2004)
 - Vamsi K. Maddirala (MS, 2004)
 - Vinten D. Diwakar (MS, 2005)
 - Kartik Potukuchi (MS, 2006)

- Anupama Guduru (MS, 2007)
- Robert K. Philips (MS, 2008)
- Andrew Thomas Haug (PhD, 2002)
- Parthasarathy Manavala Gomadam (PhD, 2003)
- Premanand Ramadass (PhD, 2003)
- Qingzhi Guo (PhD, 2004)
- Godfrey Sikha (PhD, 2005)
- Sindhuja Renganathan (MS, 2005)
- Sheba Devan (MS, 2003; PhD, 2006)
- Shriram Santhanagopalan (PhD, 2006)
- Qi Zhang (PhD, 2007)
- Qingbo Dong (PhD, 2007)
- Karthikeyan Kumaresan (PhD, 2008)
- Bruce Abbott Gordon (MS, 1978)
- **Peter S. Fedkiw (PhD, 1978), North Carolina State University**
- Carlton F. Dwiggins (MS, 1982)
- **Joseph McGuire (MS, 1982; PhD, 1987), Oregon State University**
- Euisang Lee (MS)
- Viwat Krisdhasima (PhD)
- Ja-Kael Luey (MS)
- **Prasert Suttiprasit (PhD), Phitsanulok University, Thailand**
- Sarady Tan (MS)
- Jianguo Yang (MS)
- **Kamal Al-Malah (MS, PhD), Jordan University of Science and Technology, Jordan**
- Sidney Kirtley (MS)
- **Hamood Al-Makhlafi (MS, PhD), Sana'a University, Yemen**
- Lakamraju Muralidhara (MS)
- Brijesh Singla (MS)
- Adil Nasir (MS)
- Jun Wang (MS)
- Nilobon Podhipleux (MS, PhD)
- Pravina Vinaraphong (MS)
- Minghua Tian (MS)
- Qiurong Xu (MS)
- **Jacek Jaczynski (MS), West Virginia University, Morgantown**
- Carolyn Baker (MS)
- Sasithorn Kongruang (MS)
- **Woo-Kul Lee (PhD), Dankook University, Seoul, South Korea**
- Hyo Jin Lee (MS)
- Omkar Joshi (MS, PhD)
- Pranav Joshi (PhD)
- Yuan Ching Tai (PhD)
- Liping Chu (MS)
- Allyson Fry (MS)
- Ricky W. Watts (MS, 1983)
- William D. Scott, Jr. (MS, 1983)
- Jerry Chung-Hoo Chao (MS, 1984)
- Steven J. Rodberg (MS, 1984)

- J. Lewis Ayres (PhD, 1986)
- Christian L. Traynelis (MS, 1987)
- Daniel R. Brouns (MS, 1987)
- James Michael Potente (PhD, 1988)
- Andrew S. Viner (MS, 1988)
- Timothy Richard Nolan (PhD, 1989)
- Wei-Hwa Her (PhD, 1990)
- John Cooke Smeltzer (PhD, 1990)
- **John Walter Weidner (PhD, 1991), University of South Carolina**
 - Sathya Motupally (MS, 1994; PhD, 1998)
 - Suzanne L. Keller (MS, 1994)
 - Shannon Baxter (MS, 1995)
 - Mukul Jain (PhD, 1998)
 - Kamal Jha (PhD, 1998)
 - Anand Srikumar (MS, 1998)
 - Venkat Srinivasan (PhD, 2000)⁵
 - Andrew Thomas Haug (PhD, 2002)
 - Charles E. Holland (MS, 2003)
 - Parthasarathy Manavala Gomadam (PhD, 2003)
 - Balasubramanian Lakshmanan (PhD, 2003)
 - **Inas Al-Nashef (PhD, 2004), King Saud University**
 - Vasudevan Suryanarayanan (MS, 2005)
 - Lingyun Liu (PhD, 2006)
 - Vijay Anand Sethuraman (PhD, 2006)
 - Premkumar Sivasubramanian (MS, 2007)
 - Brenda Lee Garcia-Díaz (PhD, 2007)
- Shing-Ru Wang (PhD, 1991)
- Raymond Liu (PhD, 1992)
- Rakesh Bakshi (PhD, 1992)
- Kenneth Joseph Walsh (PhD, 1994)
- Jay Raghavan (MChE, 1992)
- Sanjay Sharma (MS, 1994)
- Elaine Ann Cohen Hubal (PhD, 1996)
- Michael Tyler Hicks (PhD, 1997)
- Joseph Miller (MS, 1996)
- Karine Nouel (MS, 1996)
- David Andrew Dudek (PhD, 1998)
- Christine Lizzul Rinne (PhD, 1999)
- Greg Clayson (MChE, 2001)
- H. Jeremy Walls (PhD, 2001)
- Michael William Riley (PhD, 2002)
- Hua Deng (MS, 2002)
- Ruchi Gupta Singhal (MS, 2003)
- **Khaled Mohamed Saber Abdel-Hamid Youssef (PhD, 2003), NCSU**
- Jeffrey Alan Yerian (PhD, 2003)
- Jian Zhou (PhD, 2003)
- **Fadhel Abbas Azeez (MS, 2005; PhD, 2008), Kuwait University**
- Rameshwar Yadav (PhD, 2008)
- Thomas Friedrich Wilhelm Foerster (MS, 1979)

- **James Arthur Trainham, III (PhD, 1979), National Academy of Engineering**
- **Richard Pollard (PhD, 1979), University of Houston**
 - H. Guerner (MS, 1982)
 - M. Sridharan (MS, 1984)
 - P. Lee (MS, 1984)
 - R. L. Abber (MS, 1984)
 - K.-C. Tsaur (PhD, 1984)
 - H. E. Rebenne (PhD, 1987)
 - T. Comte (MS, 1987)
 - M. Tirtowidjojo (PhD, 1988)
 - R. Arora (PhD, 1990)
 - R. Koentzopoulos (PhD, 1994)
 - Y.-F. Wang (PhD, 1994)
 - Z. Zhang (PhD, 1994)
 - R. Haswani (MS, 1995)
 - M. Cloeter (PhD, 1997)
 - M. G. D'Oliveira (MS, 1998)
 - E. C. Darcy (PhD, 1998)
- Clarence Garlan Law, Jr. (PhD, 1980)
- Peter Eugene Pierini (PhD, 1981)
- Ellen Marie Pawlikowski (PhD, 1981)
- **Mark Edward Orazem (PhD, 1983), University of Florida**
 - Michael G. Miller (MS, 1985)
 - Brian K. Faillon (MS, 1985)
 - C. Gan (MS, 1986)
 - Gregory S. Hickey (MS, 1986)
 - Lucinda A. Joyce (MS, 1986)
 - Muhammad Kazeminy (MS, 1986)
 - Jose Matthew Rodriguez Esteban (MS, 1988; PhD, 1991)
 - Mark M. Lowry (MS, 1988)
 - Frank L. Smolko (MS, 1988)
 - Abhay B. Bulsari (PhD, 1988)
 - David Bivings Bonham (PhD, 1988)
 - Oliver C. Moghissi (MS, 1989)
 - Andrew Norbert Jansen (MS, 1989; PhD, 1992)
 - Conrad B. Diem (PhD, 1990)
 - Paul Thomas Wojcik (MS, 1992; PhD, 1997)
 - Oliver Claudius Moghissi (PhD, 1993)
 - Pankaj Agarwal (PhD, 1994)
 - Steven L. Carson (MS, 1995; PhD, 1999)
 - Juleh Minoos (MS, 1995)
 - Madhav Durbha (PhD, 1998)
 - Steven Philbrick (MS, 1998)
 - Kenneth Jeffers (MS, 1999)
 - Douglas Riemer (PhD, 2000)
 - Michael Anthony Membrino (PhD, 2002)
 - Nelliann Perez-Garcia (MS, 2003; PhD, 2006)
 - Chenchen Qiu (PhD, 2003)
 - Kerry N. Allahar (PhD, 2003)

- Pavan Kumar Shukla (PhD, 2004)
- James Patrick McKinney (MS, 2006)
- Vicky Mei-Wen Huang (PhD, 2007)
- Gary George Trost (PhD, 1983)
- Timothy Kent Risch (MS, 1983)
- Alan Kent Hauser (MS, 1984; PhD, 1989)
- Philip Paul Russell (PhD, 1984)
- **Michael John Matlosz (PhD, 1985), INPL-ENSIC, Nancy-Université**
- Susan Dale Thompson (PhD, 1985)
- Dawn Marie Bernardi (PhD, 1986)
- Victoria Ann Edwards (PhD, 1986)
- Suresh Chand Jain (PhD, 1987)
- Chrystalla C. Haili (MS, 1987)
- Gregg M. Sisler (MS, 1987)
- Andrew A. Mason (MS, 1988)
- **Alan C. West (PhD, 1989), Columbia University**
 - Benoit DeBecker (PhD, 1995)
 - Roberto Vidal (PhD, 1995)
 - Taekhoon Kim (PhD, 1996)
 - J. Deliang Yang, (PhD, 1997)
 - Chin-Chang Cheng (PhD, 1998)
 - Brett C. Baker (PhD, 1998)
 - James J. Kelly (PhD, 1998)
 - **Scott A. Calabrese Barton (PhD, 1999), Michigan State University**
 - Bing Zhu (MS, 2003)
 - Yuhao Sun (PhD, 2006)
 - Nicolas Hudak (PhD, 2007)
 - Joshua Gallaway (PhD, 2007)
 - Radek Chalupa (PhD, 2001)
 - Premratn Taephaisitphongse (PhD, 2002)
 - Zhongliang Tang (PhD, 2003)
 - Jong-Min Lee (PhD, 2003)
 - Min Zheng (PhD, 2005)
 - Mark Willey (PhD, 2007)
 - **Robert G. Bozic (PhD, 2008), US Military Academy**
 - Jennifer L. Wade (PhD, 2008)
- Paul Mark Shain (PhD, 1990)
- Anthony Joseph Grabowski (MS, 1990)
- Mei-Hui Wang (MS, 1992)
- **Thomas F. Fuller (PhD, 1992), Georgia Institute of Technology**
 - Wu Bi (PhD, 2008)
- **Bavanethan Pillay (MS, 1992; PhD, 1996), University of Natal**
- Vincent S. Battaglia (PhD, 1993)
- Douglas John Eames (MS, 1994)
- Benjamin Mark Rush (MS, 1994)
- Carolyn Renee Pals (MS, 1994)
- C. Marc Doyle (PhD, 1995)
- Blaine Kermit Paxton (MS, 1995)
- Chung-Pong Lau (MS, 1996)

- Gerhard Walter Matzen (PhD, 1997)
- Elizabeth Nicole Swayne (MS, 1997)
- Kathryn Podolske Ta (PhD, 1997)
- Craig Michael Gates (MS, 1997)
- Edward K. Yeh (MS, 1998)
- **Jeremy Patrick Meyers (PhD, 1998), University of Texas-Austin**
- Robert Mason Darling (PhD, 1998)
- Christian Georg Fellner (MS, 1998)
- Darryl Wayne Dunn (MS, 1999)
- Divesh Bhatt (MS, 2000; PhD, 2004)
- Robert Donald Villwock (PhD, 2000)
- Javit Ahmed Drake (PhD, 2000)
- Christian Bogatu (BS, 2000)
- Hooman Hafezi (PhD, 2002)
- Karen Elizabeth Thomas (PhD, 2002)
- **Heather Darya Yaros (PhD, 2002), Skyline College – San Bruno**
- **Dean Richard Wheeler (PhD, 2002), Brigham Young University**
 - Clint Guymon (PhD, 2006)
 - David Stephenson (MS, 2008)
- **Charles Monroe (PhD, 2004), University of Michigan**
- Adam Zev Weber (PhD, 2004)
- Jake Christensen (PhD, 2005)
- Sarah Stewart (PhD, 2007)
- Jeremy Coutts (MS, 2007)
- Ryan Balliet (MS, 2007)

TABLE I: LIST OF THESESES/DISSERTATIONS DIRECTED BY PROFESSOR JOHN NEWMAN AT UC-BERKELEY

#	Author	Thesis/Dissertation	Current Address
1	Thomas G. Atkins	<i>Water Tunnel with Moving Walls.</i> M. S. Thesis. June, 1965.	Founder, Right Seat Software, Inc., Golden, CO 80401-1118
2	Limin Hsueh	<i>Mass Transfer and Polarization at a Rotating Disk Electrode.</i> M. S. Thesis. January, 1966. <i>Diffusion and Migration in Electrochemical Systems.</i> Dissertation. December, 1968.	Senior Research Engineer, R&D, TRW Foundation, Fullerton, CA 92833
3	Ping Huei Sih	<i>Numerical Computation of Flow past Obstacles.</i> M. S. Thesis. January, 1966. <i>Mass Transfer to the Rear of an Object at Low Reynolds Number Flow.</i> Dissertation. May, 1971.	Retired from Stauffer Chemical Company
4	Marvin Edward McDonald	<i>Numerical Calculation for the Steady Laminar Flow past a Circular Cylinder.</i> M. S. Thesis. September, 1966.	^a Research Manager, Dow Chemical Company, Midland, MI 48674
5	Paul Millios	<i>A Theoretical Analysis of the Moving Boundary Measurement of Transference Numbers.</i> M. S. Thesis. September, 1967.	Senior Process Engineer, El Paso Natural Gas, El Paso, TX 79978
6	Thomas W. Chapman	<i>The Transport Properties of Concentrated Electrolytic Solutions.</i> Dissertation. November, 1967.	Retired Professor of Chemical Engineering, University of Wisconsin, Madison, WI 53706 Program Director, National Science Foundation, Washington, DC
7	Vinay Marathe	<i>Current Distribution on a Rotating Disk Electrode.</i> M. S. Thesis. June, 1968.	-
8	Kemal Nisancioglu	<i>Diffusion in Concentrated Electrolytic Solutions.</i> M. S. Thesis. January, 1970. <i>Current Distribution and Mass Transfer in Rotating Electrode</i>	Professor of Applied Electrochemistry, Norwegian University of Science and

9	Kong-Heong Tan	<i>Systems</i> . Dissertation. September, 1973. <i>Moving-Boundary Measurements of Transference Numbers</i> . M. S. Thesis. March, 1970.	Technology, Trondheim, Norway Chairman, Taiwan Water Treatment Company, Taiwan
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^a – Verified on 04/11/2000

^b – Verified on 08/20/1996

^c – Verified on 06/09/1993

^d – Verified on 05/15/2000

Acknowledgements

The authors thank the organizers of the Tutorial Symposium on Electrochemical Engineering in Honor of Professor John Newman's 70th Birthday, 214th Meeting of the Electrochemical Society, for their encouragement and support for this article. The authors also thank the College of Chemistry at the University of California-Berkeley for providing alumni information. Finally, the authors thank all the faculty members for providing detailed lists of their current and former students, without which this article could not have materialized.

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