

Gadi Rothenberg

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Current position

Professor and Chair of Heterogeneous Catalysis and Sustainable Chemistry at the University of Amsterdam and Director of Rothenberg Enterprises BV.

Education

1996–1999 **PhD in Applied Chemistry**, awarded *summa cum laude* from the Hebrew University of Jerusalem.

1994–1996 **MSc in Applied Chemistry**, from the Hebrew University of Jerusalem.

1991–1993 **BSc in Chemistry**, awarded *magna cum laude* from the Hebrew University of Jerusalem.

Research experience

2008– **Professor and Chair** at the University of Amsterdam.

2007–2011 **Chief Scientific Officer** of Yellow Diesel BV.

2005–2008 **Associate Professor** at the University of Amsterdam.

2001–2004 **Research fellow/Assistant Professor** at the University of Amsterdam.

1999–2001 **Marie Curie postdoctoral research fellow** at The University of York.

1996–1999 **PhD student** at the Hebrew University of Jerusalem.

Major Research Grants

2015 NWO TOP-PUNT grant (€2M, with Prof. J. Reek, UvA and Prof. B. Feringa, RuG). Joint NWO-NSFC grant (€300k with CIDS, Chengdu).

2014 Shanghai Regional Government grant (€100k, with Fudan University and Huayi Chemical)

2013 CatchBio project grant (€330k).

2012 Industrial funding from Lanxess (€530k).

2011 Industrial funding from Solvay (€360k).

2010 Marie Curie International Exchange Fellowship (€235k, with Dr. V. Gitis).

2009 NWO/STW grant (€1M, with Prof. A. Winnubst, TU Twente). ACTS-ASPECT project grant (€230k, with Prof. F. Kapteijn, TU Delft). Industrial funding from Total Gaz & Power (€660k). CatchBio project grant (€1.1M, with Dr. J. van Haveren, WUR/A&F). NRSC-C grant (€250k). SenterNovem EOS grant (€1.5M, with YellowDiesel and Solarix BV)

2007 NWO-CW Casimir grant (€291k, with Avantium Technologies). Industrial funding from Rhodia (€150k). NWO-DFG IRTG grant (€250k, with Dr. H. Koller, Münster University).

2004 NWO/ACTS ASPECT project grant (€602k, with Prof. F. Kapteijn, TU Delft). STW Separation technology grant (€482k, with Prof. A.B. de Haan, TU/e).

2003 NWO Vernieuwingsimpuls VIDI fellowship (€600k).

Teaching Experience

2001– **University of Amsterdam**. “Catalysis – Theory and Applications”; “Chemistry: Energy & Dynamics”; “Write it Right” – a course on writing scientific articles. Voted as **teacher of the year** in 2007.

1999–2001 **The University of York**. Teaching 2nd and 3rd-year undergraduates in chemistry, including symmetry and group theory; vibrational spectroscopy; solid-state chemistry; physical-organic chemistry.

1997–1999 **Hebrew University of Jerusalem** (teaching assistant). Courses: Economics and management in applied science; techno-economics of industrial chemical processes; introduction to chemical reactor theory; industrial organic chemistry. Labs: esterification on a pilot-plant scale; extraction processes.

1994–1999 **Teacher of Chinese martial arts** (Black belt in Kung-Fu, 1992). Leading over 100 adult pupils through the maze of physical combat and personal development.

Prizes and Academic Honors

2011– Member of the Scientific Advisory Board of the Rhodia/CNRS lab in Shanghai.

2010 **Science Park Ideas Prize** (with dr. N.R. Shiju).

2008 **Science Park Ideas Prize** (with ing. J. Beckers).

2007 Voted by the chemistry students as **Lecturer of the Year**.

2006 **Science Park Ideas Prize** (with dr. E. Eiser).

2006 **Bayer CropScience Innovation Award** (with dr. H. de Jonge).

2006 **Paul N. Rylander Award** from the Organic Reactions Catalysis Society.

2004 European Commission **Marie Curie Excellence Award**.

Recent invited Lectures

2016 Invited seminar at SRIPT (Sinopec) Shanghai, China.

2016 Keynote lecture at the 26th ORCS conference, Miami, USA.

2016 Invited lecture at Sichuan University, Chengdu, China.

2016 Invited lecture at Fudan University, Shanghai, China.

2015 Invited lecture at the Reading University, UK.

2015 Keynote lecture at the IChem conference, Shanghai, China.

2014 Plenary lecture at the *Felix Meritis*, Amsterdam, NL.

2014 Invited seminar at the University of California, Berkeley, USA.

2014 Invited seminar at the University of California, San Diego, USA.

2014 Plenary lecture at the F2Gchem conference, Shanghai.

2014 Invited lecture at the XXVth ORCS conference, Tucson, USA.

2014 Invited seminar at the Weizmann Institute of Science, Israel.

2013 Invited lecture at Fudan University (Shanghai, China)

2013 Invited seminar at the Technion (Haifa, Israel)

2013 Dean’s Podium lecture at Ben-Gurion University (Beer-Sheva, Israel)

2012 Invited lecture at GeorgiaTech (Atlanta, GA).

2012 Plenary lecture at FineCat 2012 (Palermo, Sicily, opening lecture of the conference).

2012 Invited lecture at ETH Zurich (Zurich, Switzerland).

Publications and patents

Two books, 176 articles in peer-reviewed journals, over 100 popular science articles and conference papers and 15 patents.

A full list of publications and additional information is available on <http://www.hims.uva.nl/hcsc>

