

## **Eleni A. Kyriakidou**

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### **PROFESSIONAL PREPARATION**

Aristotelian University of Thessaloniki	Greece	Chemical Engineering	B.S., 2007
Aristotelian University of Thessaloniki	Greece	Chemical Engineering	M.S., 2007
University of South Carolina	Columbia (SC)	Chemical Engineering	Ph.D., 2014
Oak Ridge National Laboratory, Fuels, Engines & Emissions Research Center, Oak Ridge National Laboratory	Knoxville (TN)	Emission Control	2014-2016

### **APPOINTMENTS**

Beginning 2017 Assistant Professor, Chemical Engineering, SUNY at Buffalo University

2014-2016 Postdoctoral Research Associate, Fuels, Engines & Emissions Research Center, Oak Ridge National Laboratory

2008-2014 Research Assistant, Chemical Engineering, University of South Carolina

### **PRODUCTS**

#### **5 most closely related:**

(i) Five most closely related to proposal project

1. Wong, A., Kyriakidou, E.A., Toops, T.J., Regalbuto, J.R. (2016). The Catalytic Behavior of Precisely Synthesized Pt-Pd Bimetallic Catalysts for Use as Diesel Oxidation Catalysts. *Catalysis Today*, Accepted.
2. Kim, M.-Y., Kyriakidou, E.A., Choi, J.-S., Toops, T.J., Binder, A.J., Thomas, C., Parks II, J.E., Schwartz, V., Chen, J., Hensley, D.K. (2016). Enhancing Low-Temperature Activity and Durability of Pd-based Diesel Oxidation Catalysts Using ZrO<sub>2</sub> Supports. *Applied Catalysis B: Environmental*, 187, 181-194.
3. Kyriakidou, E.A., Khivantsev, K., Gostanian, T.M., Alexeev, O.S., Amiridis, M.D. (2015). Silica-Supported Gold/Dendrimer Nanocomposites with Controlled Sizes of Gold Particles. *Applied Catalysis A: General*, 504, 482-492.
4. Kyriakidou, E.A., Alexeev, O.S., Wong, A., Papadimitriou, C., Childers, D.J., Amiridis, M.D., Regalbuto, J.R. (2015). Synthesis of Ag Nanoparticles on Oxide and Carbon Supports from Ag Diammine Precursor. *Journal of Catalysis*, Submitted.
5. Nazarpour, Z., Khivantsev, K., Kyriakidou, E.A., Kubicki, C., Ma, S., Fanson, P.T., Alexeev, O.S., Amiridis, M.D. (2013). Dendrimer-Mediated Synthesis of Supported Rhodium Nanoparticles with Controlled Size: Effect of pH and Dialysis. *Journal of Colloid & Interface Science*, 398, 22-32.

#### **Other significant products:**

1. Kyriakidou, E.A. (2014). Synthesis of Au and Ag Catalysts with Controlled Sizes of Metal Particles. Ph.D. Dissertation, University of South Carolina.

## **SYNERGISTIC ACTIVITIES**

Served as session chair, Catalysis and Reaction Engineering Division, Environmental Catalysis II: Gas Emission Control Session, AIChE Annual Meeting, Salt Lake City, UT, 11/2015

Served as session co-chair, Catalysis and Reaction Engineering Division, Environmental Catalysis I: Gas Emission Control Session, AIChE Annual Meeting, Salt Lake City, UT, 11/2015

Reviewer for scientific journals (Applied Catalysis A: General, Catalysis Today, Emission Control Science & Technology, Journal of Molecular Catalysis A: Chemical)