

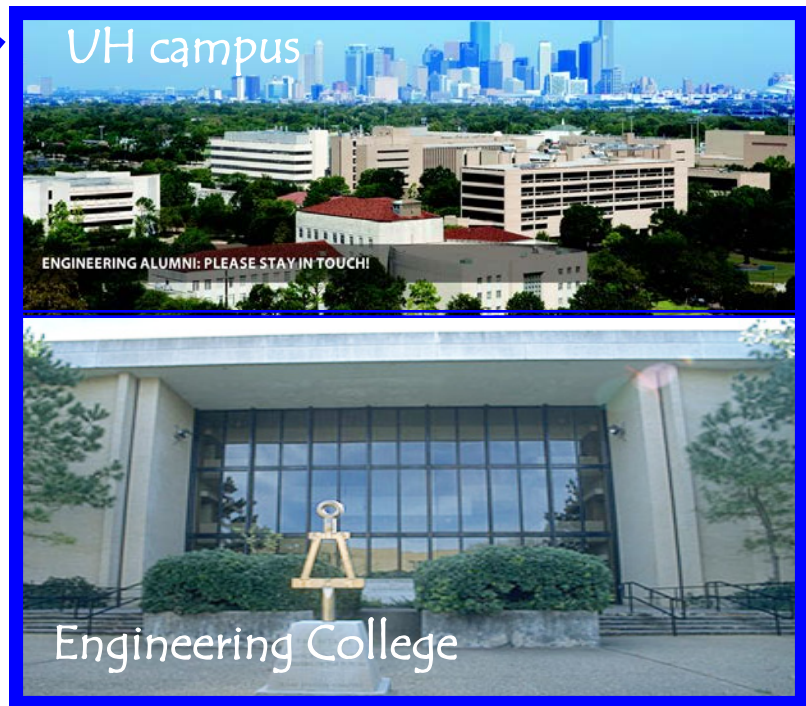
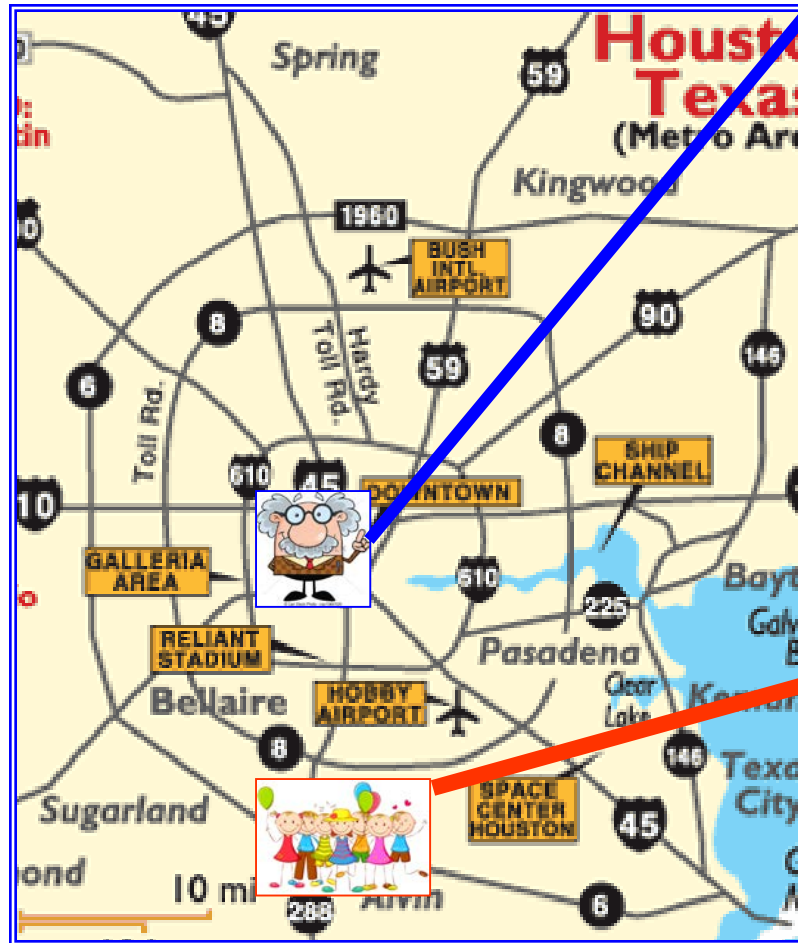
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# Professor Stanko R. Brankovic



***University of Houston***

# Where is the University of Houston



# What is the University Professor's Job ?

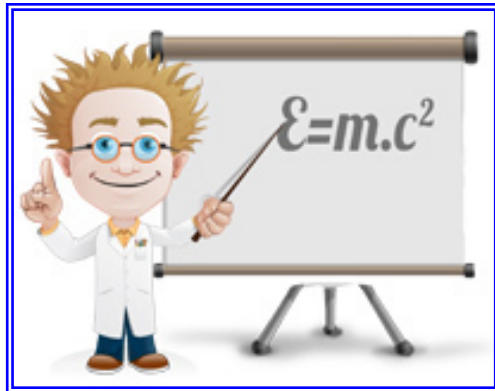
## Scientific exchange



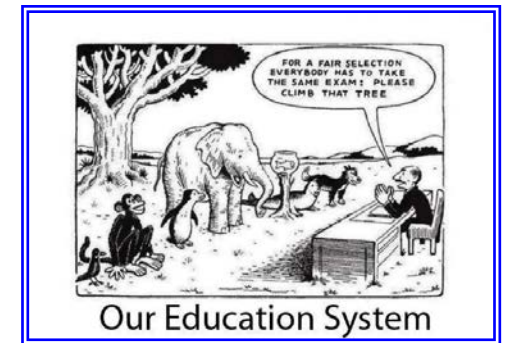
Research



Writing books and papers



Teaching



Outreach

# Teaching Students at VH



## Teaching Undergraduate Students:

- ◊Electrical Engineering
- ◊Chemical Engineering
- ◊Chemistry

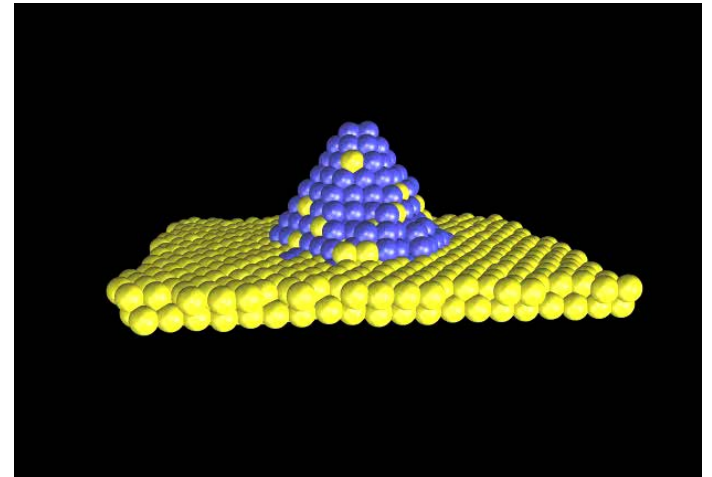
## Teaching Graduate Students:

- ◊Masters
- ◊Philosophy Doctoral



# Doing Research at UH

- ◊ Research Laboratory
- ◊ Research Group
- ◊ Nanomaterials and Nanostructures
- ◊ Nano =  $1/1,000,000,000$
- ◊ 1 nanometer =  $1\text{m}/1,000,000,000$
- ◊ Dimension which is about the size of few atoms



# Writing Books and Scientific Papers

Dr. Stanko Brankovic  
Electrocatalysis: Novel Synthetic Methods

IS a BIG PART OF MY JOB

## Electrocatalysis: Novel Synthetic Methods

Electrocatal  
DOI 10.1007/s12678-012-0082-5

## Size Effects in Monolayer Catalysis: A Model Study: Pt Submonolayers on Au(111)

Sang-Eun Bae • Dincer Gokceci • Ping Li •  
Parnia Mohammadi • Stanko R. Brankovic

Received 30 April 2012  
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Electrochimica Acta 83 (2012) 387–393

Electrochimica Acta

Stress control in electrodeposited core films—Experimental study and analytical model

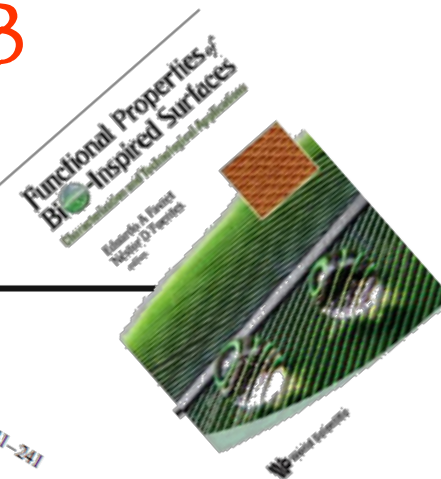
Stanko R. Brankovic<sup>a,b,c,\*</sup>, Burhanuddin Kagari<sup>a</sup>, Jinnie George<sup>a</sup>, Goran Majkic<sup>c</sup>,  
Gery Stafford<sup>d</sup>, Paul Ruchhoeft<sup>a</sup>

<sup>a</sup>Electrical and Computer Engineering Department, University of Houston, Houston, TX 77204-4005, USA

<sup>b</sup>Chemical and Molecular Engineering Department, University of Houston, Houston, TX 77204-4004, USA

<sup>c</sup>Texas Center for Superconductivity at University of Houston, Houston, TX 77204, USA

<sup>d</sup>Material Measurement Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899, USA



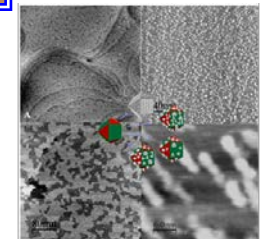
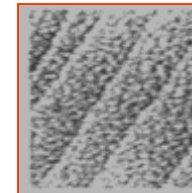
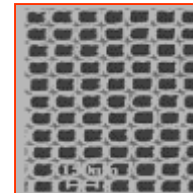
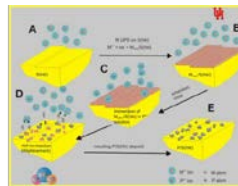
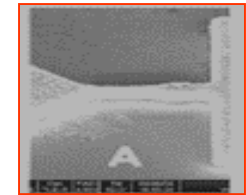
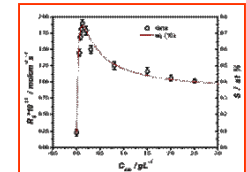
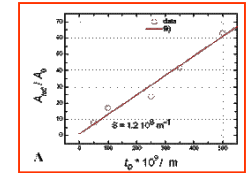
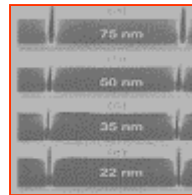
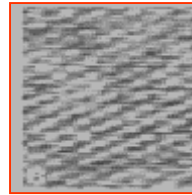
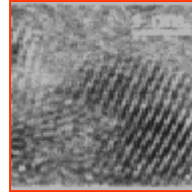
Accepted 25 July 2012



# Attending Scientific Conferences



You travel over the world to present your ideas and results and to see what other people do



Sometimes job could be also a fun





# Outreach to the Community

You do the work beyond your job description  
You want to share your knowledge with others  
You want to build community  
You want to help all the people,....

North shore senior high visiting UH



UH students and professors at Energy Day at S. Houston park downtown Houston

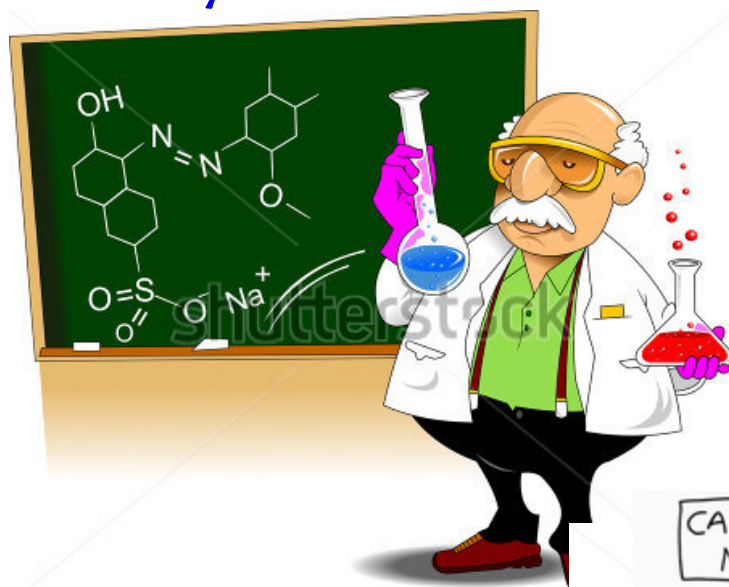


# Who Inspired Me to Become Professor

My Dad

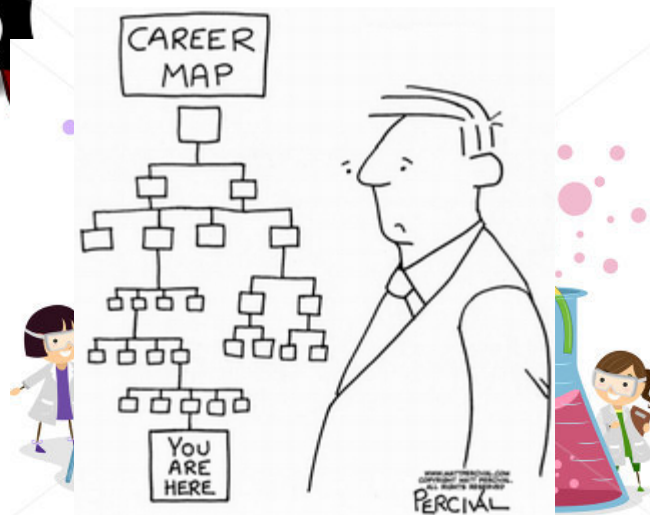
and

My Mom



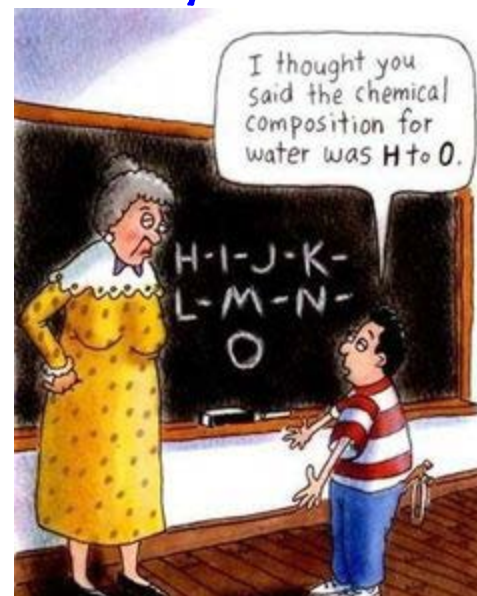
www.shutterstock.com · 173411903

As kid, I often  
played in  
chemistry lab



www.shutterstock.com · 85772560

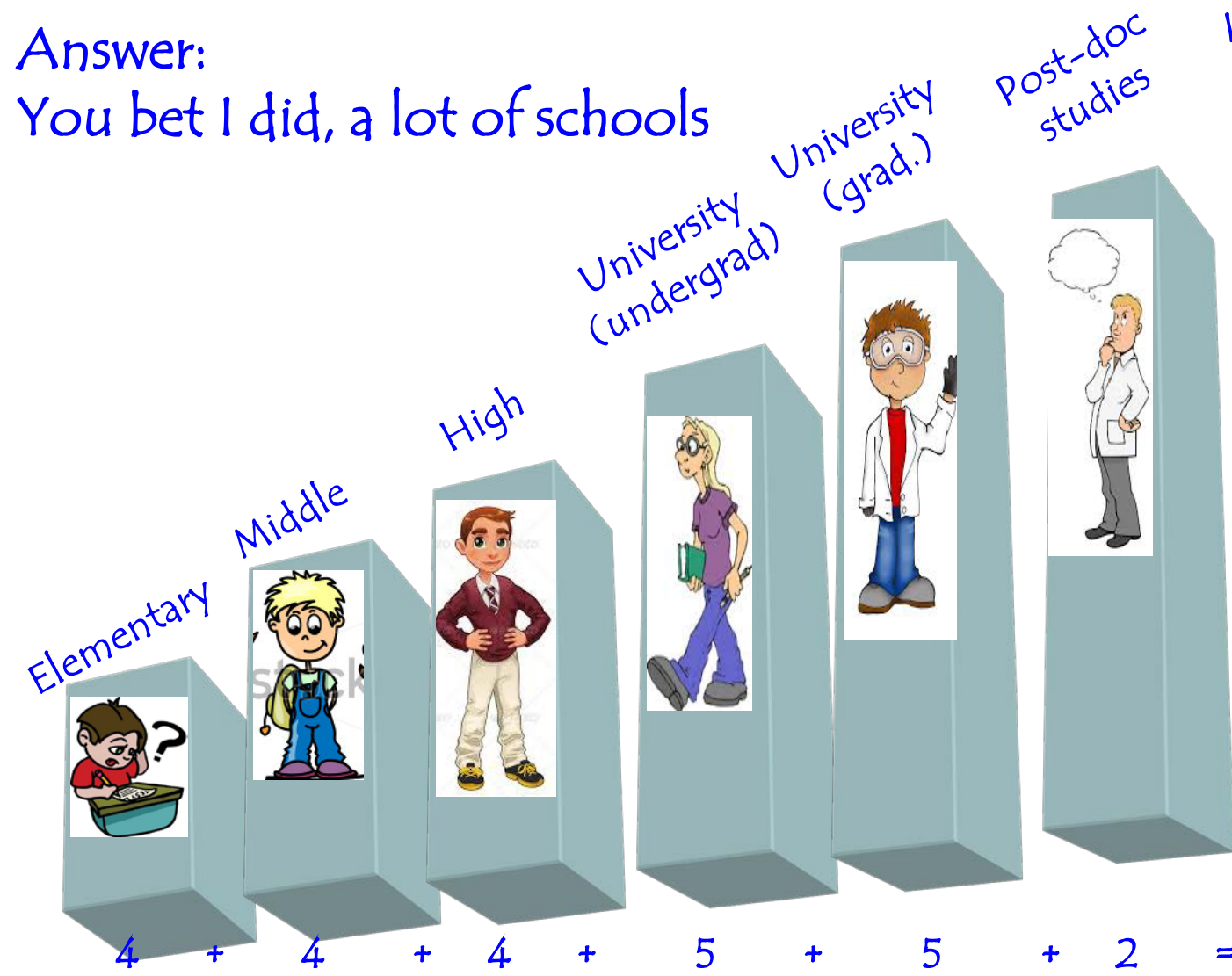
Are chemistry  
professors



And I also  
learned early  
about laws of  
nature

# Did I go to School to Become Professor

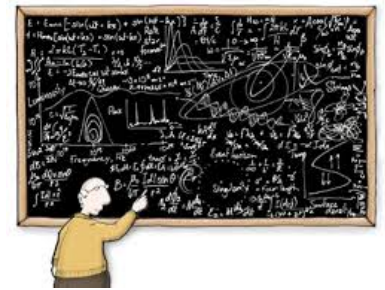
Answer:  
You bet I did, a lot of schools



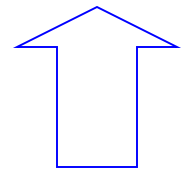
What is wrong with me ?



and still in school



and still learning



# Do I like my Job

Answer: You bet I do

Your brain is your tool



Your office is in your head



Your do not have  
working hours



Your do not have a boss

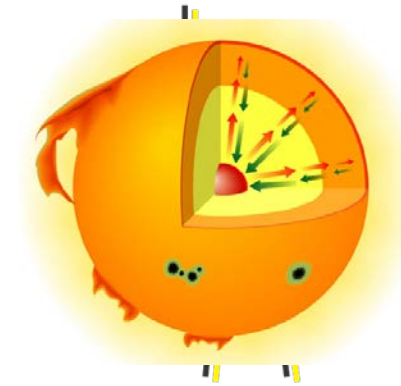


# My Job is my World

People see the tree



People see the sun



But you see the fusion reactor

But you see the fractal

Nature becomes your inspiration and your occupation

# However, It is Not All About What You Do

It is also about your family and your friends, it is about the balance in life too. All these things together make you a happy person.

