



**Maria Nagy, PhD** · 3rd  
CEO and CoFounder at Quorum X Diagnostics Inc.  
Atlanta, Georgia · 500+ connections · [Contact info](#)

Quorum X Diagnosti



Georgia State Univer

### Featured

- Infectious Disease, Antibiotic Screening
- Anti-quorum sensing and anti-biofilms development drug screening
- Developing strategic relationships with the right leaders and ROLs

**PROFESSIONAL EXPERIENCE**

Georgia State University (GSU), Atlanta, GA 2006 – Present  
*Principal Investigator* (2011 – Present)  
 Design, initiate and conduct research projects on anti-infectives for Nosocomial "ESKAPE" Pathogens.  
 Projects include:

- Screening of Georgia native weeds for Antimicrobial and Anti-quorum sensing activity.
- Examination of pigment production from *Coscinoblastus*, "White Nose Syndrome" in Bats.
- Stimulation of plants and seeds with bacterial signals to determine if this will prompt the plant to produce novel anti-infective secondary metabolites.
- Stimulation of fungal pathogen growth with bacterial quorum sensing signaling molecules to determine if the signals will stimulate novel anti-infective secondary metabolites.
  - Developed collaborative relationships with thought leaders in academia and the research community.
  - Designed and evaluated experiments.
  - Wrote protocols and SOP manuals for projects.
  - Analyzed and documented research findings in reports.
  - Monitored and directed 15 – 20 students working on multiple research projects simultaneously.
  - Organized The Annual GSU theme based Poster Sessions.
  - Coached students to present findings at GSU theme based research poster sessions.

*Large Class Lecturer* (2011 – Present)

**Nagy, Maria, Ph.D. -2**

Nagy, Maria-Fall2014 Resume

### Experience

**CEO and CoFounder**  
Quorum X Diagnostics Inc.  
Apr 2017 – Present · 3 yrs 2 mos  
Atlanta, GA

-it's "kinda" like a pregnancy test but for pneumonia.

We are developing a rapid point of care diagnostic test for quick identification of *Pseudomonas aeruginosa* pneumonia infections. *Pseudomonas aeruginosa* is the number one cause of

pneumonia infections in cystic fibrosis patient and it is the number one and two causes of infection in Ventilator and Hospital acquired infections, respectively. The current "Gold Standard" the culture test takes 3 days, our test, developed on lateral flow technology would be under 30 min. Faster diagnosis would allow patients to be prescribed the correct ...[see mor](#)



## QA Laboratory Supervisor II

Ethicon, Inc.

Jun 2015 – Apr 2017 · 1 yr 11 mos

Cornelia, GA

--This is a Johnson and Johnson Medical Device Company, we make 85% of all the medical sutures in the world.

--I am a contract Supervisor via Kelly Services

--I supervise 9 people in the QA Physical Laboratory along with my other tasks inclu ...[see mor](#)



## Lecturer

Georgia Perimeter College

Jan 2011 – May 2015 · 4 yrs 5 mos

Decatur, Georgia

Lecturer GPC -Microbiology for Pre-nursing, Botany.(Past-Ecology and Environmental Science)



## Georgia State University

10 yrs 5 mos



### Lecturer/Principal Investigator

Jan 2011 – May 2014 · 3 yrs 5 mos

As a graduate student I designed a pilot research class which developed it into a extremely popular research lab catering to first year researchers. (2005-2014)

Principal Investigator

...[see mor](#)



### Large Class Lecturer

Jan 2011 – May 2014 · 3 yrs 5 mos

Lectured for biology nonmajors to classes of up to 120 students.

[Show 1 more role](#) 

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### Consultant & Lecturer

Georgia State University Bio Bus

Jan 2011 – Mar 2012 · 1 yr 3 mos

Collaborated with fellow researcher to develop a 3 day Medicinal Plants and Antibiotic Screening interactive module for middle school students based on a semester long Medicinal Plants and Antibiotic research class.

[...see mor](#)

[Show 1 more experience](#) 

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## Education



### Georgia State University

Doctor of Philosophy, Applied and Environmental Microbiology

Dissertation Project -Quorum Sensing Inhibitory Properties of Various Folk-Medicinal Plants and the Thyme-Tetracycline Effect.



### Georgia State University

Master of Science, Biology

Thesis Project-Antimicrobial Screening of Folklore Medicinal Plants

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## Licenses & Certifications

### YCombinator Online Startup School

YCombinator Startup School

Issued Sep 2018 · No Expiration Date



### Startup School

Startup School Online

Issued 2018 · No Expiration Date

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### Certificate of Attendance-MSL Candidate Conference Atlanta 2016

MSL Society Career Center

Issued Jun 2016 · No Expiration Date

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