Shruti Sharma, Ph.D.

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MANAGEMENT/RELEVANT EXPERIENCE

Product Development Consultant, NextGxDx Inc: Analyzed the emerging market (est. 6 Billion in 2017) for prenatal genetic testing and diagnostics. Presented findings to senior management to assist with business strategy.   2014

Curated the scientific, marketing, and product information on the prenatal testing products for consumption by a clinical (MD, Genetic Counselor) audience

Provided expert scientific guidance on the current state of intellectual property protection in prenatal diagnostics

Business Development Intern, Diagnovus LLC: Performed market analysis for allergy diagnostics, analyzing disease statistics, current methods, and investment potential of new early stage technologies   2013

Gordon Research Seminar, Organizing Committee Chair: Initiated a new GRS for "Mechanisms in Membrane Transport" for 2015. Provided oversight, organizational plan, and secured funds for conference   2013

Organizing Committee: TechVenture Challenge; a program that develops business plans from Vanderbilt University intellectual property (www.techventurechallenge.org)   2013

Chief Executive Officer: University Biotools, a team participating at Vanderbilt TechVenture Challenge   2012

EDUCATION

Web Developer Bootcamp	**Nashville Software School, Nashville, TN**	**2014**
Ph.D. Cellular Biochemistry, *magna cum laude*	Max Planck Institute of Biochemistry, Munich, Germany	2007
M.Sc. Biomedical sciences	University of Delhi, Delhi, India	2003
B.Sc. Microbiology	University of Delhi, Delhi, India	2001

HONORS AND AWARDS

2nd Position(Tied): HackNashville 6, Team NashvesTN	2014
Fellowship: Postdoctoral fellowship at Vanderbilt University Medical Center, Nashville, Tennessee	2008 – 2014
Funding: Helped secure 22.5M USD in competitive research grant for a multinational research consortium	2010
Fellowship: International Max Planck Research fellowship awarded by Max Planck Society, Germany	2003 – 2007
Scholarship: Doctoral research and eligibility for Lectureship (UGC-NET) by the Council of Scientific and Industrial Research (CSIR), India. Top 5% of ~80,000 nationwide competing candidates	2003

SKILLS

VERBAL	Presented research proposals and manuscripts to colleagues, collaborators, and funding agencies
WRITING	Writing theses, manuscripts, and business plans
TEACHING	Mentored graduate students and lectured graduate students
ADAPTABILITY	Enjoyed work in multiple countries, cultures, personalities, and organizations
MANAGEMENT	Managed research assistants, research specialists, collaborators, and students
PROGRAMMING	**JavaScript, Python, Node.js, Angular, jQery, AJAX, JSON, Grunt, Gulp, TDD with Chai and Mocha, MongoDB, Express, Jade/HTML, Less/CSS, Cordova, Ionic, Phaser.io, Canvas, Game Development, Git Version Control.** Details at Github: github.com/shrutijalewar

PUBLICATIONS

1. **Sharma S***, Chakraborty K*, Müller BK*, *et al. Cell*. 2008. bit.ly/cellshrt. *equal contribution
2. Kazmier K*, **Sharma S***, Quick M, *et al. Nature Structure and Molecular Biology*. 2014. bit.ly/nsmbioss. *equal contribution
3. Hamilton P*, Campbell NG*, **Sharma S**, *et al. Molecular Psychiatry*. 2013. bit.ly/molpss. *equal contribution
4. Kazmier K*, **Sharma S***, Islam SM, *et al. PNAS*. 2014. bit.ly/pnasss. *equal contribution

PERSONAL

Citizenship	Indian, USA permanent resident
Languages	Native efficiency: English and Hindi