

# Reed Science Group ACADEMIC SOURCEBOOK

*A Report on the State of Science in Universities and Colleges*



- Industry/Academia Relationship
- Lab Design in Academia
- Generating Grant Proposals
- U.S. Student Exchange Issues
- Building Campus-based Nanotech Labs
- Funding and Collaboration Needs
- Federal Support for Academia
- Top Universities Worldwide

**Academic Biotech Resources****Biotechnology Centers**

Boston Univ., Mass.	BioMolecular Engineering Research Center	<a href="http://bmerc-www.bu.edu">http://bmerc-www.bu.edu</a>
City Univ. of New York, N.Y.	Structural Biology Center	<a href="http://www.ccny.cuny.edu">www.ccny.cuny.edu</a>
Columbia Univ., N.Y., N.Y.	Northeast Biodefense Center	<a href="http://www.nbc.columbia.edu/">www.nbc.columbia.edu/</a>
Cornell Univ., Ithaca, N.Y.	Biotechnology Institute	<a href="http://www.biotech.cornell.edu">www.biotech.cornell.edu</a>
Florida Atlantic Univ., et al	Center for Biomedical and Marine Biotech	<a href="http://www.floridabiotech.org">www.floridabiotech.org</a>
Harvard Univ., Cambridge, Mass.	Harvard Biotech Club	<a href="http://www.thebiotechclub.org">www.thebiotechclub.org</a>
Harvard Univ., Cambridge, Mass.	Bauer Center for Genomics Research	<a href="http://www.cgr.harvard.edu">www.cgr.harvard.edu</a>
Johns Hopkins Univ., Baltimore, Md.	Army Center for Biotech	<a href="http://www.jhuapl.edu/">www.jhuapl.edu/</a>
Massachusetts Institute of Technology, Cambridge	Biotech Process Engineering Center	<a href="http://web.mit.edu/bpec/">http://web.mit.edu/bpec/</a>
Massachusetts Institute of Technology, Cambridge	Whitehead Center	<a href="http://www.wi.mit.edu">www.wi.mit.edu</a>
Michigan Technological Univ., Houghton	Biotech Research Center	<a href="http://biotech.mtu.edu">http://biotech.mtu.edu</a>
National Heart, Lung, and Blood Institute, NIH	Univ. Proteomics Centers	<a href="http://www.nhlbi-proteomics.org/centers">www.nhlbi-proteomics.org/centers</a>
Northwestern Univ., Evanston, Ill.	Center for Biotechnology	<a href="http://www.kellogg.northwestern.edu/academic/biotech/index.htm">www.kellogg.northwestern.edu/academic/biotech/index.htm</a>
Ohio State Univ., Columbus	Plant-Microbe Genomics Facility	<a href="http://www.biosci.ohio-state.edu">www.biosci.ohio-state.edu</a>
Oklahoma State Univ., Stillwater	Plant Transformation Facility	<a href="http://www.ptf.okstate.edu">www.ptf.okstate.edu</a>
Rochester Institute of Technology, N.Y.	Center for Biotech Education and Training	<a href="http://www.bioinformatics.rit.edu">www.bioinformatics.rit.edu</a>
Rutgers, The State Univ. of N.J., New Brunswick	Biotech Center	<a href="http://www.cook.rutgers.edu">www.cook.rutgers.edu</a>
Stanford Univ., Calif.	Center for Law and the Biosciences	<a href="http://www.law.stanford.edu">www.law.stanford.edu</a>
State Univ. of N.Y., Buffalo	Center for Bioinformatics and Life Sciences	<a href="http://www.ccr.buffalo.edu">www.ccr.buffalo.edu</a>
State Univ. of N.Y. Stony Brook	Center for Biotech	<a href="http://www.biotech.sunysb.edu">www.biotech.sunysb.edu</a>
Tuskegee Univ., Ala.	Center for Plant Biotechnology Research	<a href="http://www.tuskegee.edu">www.tuskegee.edu</a>
Univ. of Cincinnati, Ohio	Genome Research Institute	<a href="http://medcenter.uc.edu">http://medcenter.uc.edu</a>
Univ. of Colorado, Denver	Center for Pharmaceutical Biotech	<a href="http://www.uchsc.edu/sop/biotech/overview.html">www.uchsc.edu/sop/biotech/overview.html</a>
Univ. of Florida, Gainesville	Center for Regenerative Health Biotech	<a href="http://www.biotech.ufl.edu">www.biotech.ufl.edu</a>
Univ. of Idaho, Moscow	Environmental Biotech Institute	<a href="http://image.fs.uidaho.edu">http://image.fs.uidaho.edu</a>
Univ. of Illinois, Urbana-Champaign	Biotech Center	<a href="http://www.biotech.uiuc.edu">www.biotech.uiuc.edu</a>
Univ. of Maryland, College Park	Biotechnology Institute	<a href="http://www.umbi.umd.edu">www.umbi.umd.edu</a>
Univ. of Maryland, Rockville	Center for Advanced Research in Biotechnology	<a href="http://carb.umbi.umd.edu">http://carb.umbi.umd.edu</a>
Univ. of Maryland, Shady Grove	Center for Advanced Research in Biotech	<a href="http://shadygrove.umbi.umd.edu">http://shadygrove.umbi.umd.edu</a>
Univ. of Minnesota, Minneapolis	Academic Health Center	<a href="http://www.ahc.umn.edu">www.ahc.umn.edu</a>
Univ. of Southern California, Los Angeles	Center for Computational and Experimental Genomics	<a href="http://www.hto.usc.edu">www.hto.usc.edu</a>
Univ. of Tennessee, et al	Tennessee Biotech Association	<a href="http://www.tbio.org">www.tbio.org</a>
Univ. of Texas, College Station	Crop Biotech Center	<a href="http://cbc.tamu.edu">http://cbc.tamu.edu</a>
Univ. of Texas, Houston	Health Science Center	<a href="http://biotech.uth.tmc.edu">http://biotech.uth.tmc.edu</a>
Univ. of Wisconsin, Madison	Biotechnology Center	<a href="http://www.biotech.wisc.edu">www.biotech.wisc.edu</a>
Utah State Univ., Logan	Center for Integrated Biosystems	<a href="http://www.biosystems.usu.edu">www.biosystems.usu.edu</a>
Virginia Polytechnic Institute and State Univ., Blacksburg	Fralin Biotech Center	<a href="http://www.biotech.vt.edu">www.biotech.vt.edu</a>
Washington State Univ., Pullman	Center for Integrated Biotechnology	<a href="http://www.biotechnology.wsu.edu">www.biotechnology.wsu.edu</a>
Yale Univ., New Haven, Conn.	Keck Biotechnology Lab	<a href="http://keck.med.yale.edu">http://keck.med.yale.edu</a>

**Nanobiotechnology**

Arizona State Univ., Tempe	BioDesign Institute	<a href="http://www.biodesign.asu.edu">www.biodesign.asu.edu</a>
California Institute of Technology, Pasadena	Nanosystems Biology Cancer Center	<a href="http://www.caltechcancer.org">www.caltechcancer.org</a>
Cornell Univ., Ithaca, N.Y.	Nanobiotechnology Center	<a href="http://www.nbt.cornell.edu">www.nbt.cornell.edu</a>
Wayne State Univ., Detroit, Mich.	NanoBioScience Institute	<a href="http://www.med.wayne.edu/nanobioscience/">www.med.wayne.edu/nanobioscience/</a>

**Web sites of interest**

Academic Microarray Core Facilities	<a href="http://www.nslj-genetics.org/microarray/core.html">www.nslj-genetics.org/microarray/core.html</a>
Biotechnology Educational Resources	<a href="http://www.nal.usda.gov/bic/Education_res">www.nal.usda.gov/bic/Education_res</a>
Biotechnology on the Web	<a href="http://www.cato.com/biotech">www.cato.com/biotech</a>
Biotech-Related WWW Sites and Documents	<a href="http://www.nal.usda.gov/bic/www.html">www.nal.usda.gov/bic/www.html</a>
GradSchools.com	<a href="http://www.gradschools.com/listings/menus/biotechnology_menu.html">www.gradschools.com/listings/menus/biotechnology_menu.html</a>