LEV R. GINZBURG
Abbreviated Curriculum Vitae 2000- Present

Positions

1982-present	President	**Applied Biomathematics**
		A research and software firm focused on ecology, environmental health, and engineering. The company develops new methods for the assessment of risk and uncertainty in these areas. RAMAS® software is used by thousands of institutions in over 60 countries.
1983-2015	Professor	**Stony Brook University**

Honors

100 must read papers in Ecology	2018 study rates the TREE 2004 paper as one of the 100 most important in the history of Ecology since Darwin. (See downloadable articles) (http://docs.wixstatic.com/ugd/9b6d5d_31ab1ea20ed247e7a4ce788506304070.pdf)
Member, Advisory Board:	Ph.D. training partnership of the Universities of Sheffield, Liverpool and York, UK, 2014-present
Invited Fellow:	Bernoulli Center, University of Lausanne, Switzerland, 2014.
Organizer:	Mathematical Ecology Semester, Centre Interfacultaire Bernoulli, Lausanne, Switzerland, July to December 2014.
Honor Wall:	Listed on the Stony Brook University Honor Wall, September 2013.
AAAS Fellow:	Elected in 2012.
Invited Fellow:	African Advanced Study (STIAS) Stellenbosch, South Africa, 2010 and 2012.
Invited Fellow:	Advanced Studies at the Hebrew University, Jerusalem, Israel, 2006.
U.S. Senate Testimony:	*Consistency and Transparency of Endangered Species Listings*, Testimony to the U.S. Senate Committee on Environmental and Public Works, May 2001.

Most Influential Publications (out of 200 papers and 10 books)

Risk Analysis

Pastorok, R., Bartell, S., Ferson, S., and **Ginzburg, L.R.** (editors) 2016. *Ecological Modeling in Risk Assessment*. CRC Press, Boca Raton, FL. (first edition, 2001.)

Akcakaya, R.H., Burgman, M.A., **Ginzburg, L.R.** 1999. *Applied population ecology*. Sinauer Associates, Sunderland, MA.

Ferson, S. and **Ginzburg, L.R.** 1996. Different methods are needed to propagate ignorance and variability. *Reliability Engineering and Systems Safety* 54:133–144.

Ginzburg, **L.R.** (ed.) (1991), *Assessing Ecological Risks of Biotechnology*, Stoneham, MA: Butterworth

Ginzburg, **L.R.**, Ferson, S., Akçakaya, H.R. 1990. Reconstructability of density dependence and the conservative assessment of extinction risk. *Conservation Biology* 4: 63-70.

Ginzburg, **L.R.**, Slobodkin, L.B., Johnson, K and Bindman, A.G. 1982. Quasiextinction probabilities as a measure of impact on population growth. *Risk Analysis* 2: 171-181.

Mathematical Ecology

Damuth, J and **Ginzburg, L.R**, 2020. *Non-Adaptive Selection.* University of Chicago Press (in prep).

Arditi, R. and **Ginzburg**, **L.R**. 2012. *How Species Interact: Altering the Standard View on Trophic Ecology*. Oxford University Press, New York, NY.

Ginzburg, L.R. and Colyvan, M. 2004. *Ecological Orbits: How Planets Move and Populations Grow*. Oxford University Press, New York, NY.

Ginzburg, L.R. and Jensen, C.XJ. 2004. Rules of thumb for judging ecological theories. *Trends in Ecology & Evolution* 19 (3): 121-126.

Abrams, P.A. and **Ginzburg**, **L.R.** 2000. The nature of predation: prey dependent, ratio dependent, or neither? *Trends in Ecology and Evolution* 15: 337-341.

Ginzburg, **L.R.** and Taneyhill, D.E. 1994. Population cycles of forest Lepidoptera: a maternal effect hypothesis. *Journal of Animals Ecology* 63: 79-92.

Ginzburg, **L.R.** and Akçakaya, H.R. 1992. Consequences of ratio-dependent predation for steady state properties of ecosystems. *Ecology* 73 (5): 1536-1543.

Arditi, R. and **Ginzburg**, **L.R.** 1989. Coupling in predator-prey dynamics: ratio dependence. *Journal of Theoretical Biology 139: 311-326.*