

# John Janovy, Jr. – Media packet

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## 1. Web sites

<https://www.johnjanovy.com>  
<https://fridaycoffee.blogspot.com> <http://www.amazon.com/-/e/B005KLWCA0>  
<https://www.smashwords.com/books/search?query=janovy>  
[https://www.amazon.com/s/ref=nb\\_sb\\_noss?url=search-alias%3Dstripbooks&field-keywords=janovy](https://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Dstripbooks&field-keywords=janovy)

Twitter: jjparasite

Facebook: search using John Janovy, Jr.

## 2. Short biography/author information

John Janovy, Jr. is a successful author, a respected scientist, an artist, and an award-winning teacher. He retired from the University of Nebraska-Lincoln in 2011, where he was the Paula and D. B. Varner Distinguished Professor of Biological Sciences. Janovy's works with a natural history theme include the well-known *Keith County Journal* (St. Martin's, 1978), *Yellowlegs* (St. Martin's, 1980; fiction), *Vermilion Sea: A Naturalist's Journey in Baja California* (Houghton Mifflin, 1992), *On Becoming a Biologist* (Harper and Row, 1985; and University of Nebraska Press, 2004), *Ten Minute Ecologist* (St. Martin's, 1997), and *Pieces of the Plains: Memories and Predictions from the Heart of America* (J&L Lee, 2009). His other book subjects include high school athletics (*Fields of Friendly Strife*, Viking, winner of the *American Health* magazine book award for 1987), anti-intellectualism in America (*Comes the Millennium*, St. Martin's, as Jack Blake), higher education (*Teaching in Eden*, RoutledgeFalmer, 2003), and travel (*Africa Notes: Reflections of an Ecotourist*, Center for Great Plains Studies, 2018). He is the co-author of five editions of *Foundations of Parasitology*, the leading textbook in his discipline, and the senior editor of *A Century of Parasitology: Discoveries, Ideas and Lessons Learned by Scientists who Published in The Journal of Parasitology, 1914-2014* (John Wiley and Sons, 2016).

Janovy's honors include the University of Nebraska Distinguished Teaching Award (1970), UNL's Outstanding Research and Creativity Award (1997), Mayor's Arts Award (Literary Heritage, 1988), State of Nebraska Pioneer Award (1983); University Honors Program Master Lecturer (1986), Nebraska Library Association Mari Sandoz Award (2002), Friends of the UNL Libraries Hartley Burr Alexander Award (2005), the UNL Louise Pound-George Howard Distinguished Career Award (2013), 13 years' of recognition by the UNL Parents Association and Teaching Council for Contributions to

Students, and the American Society of Parasitologists Clark P. Read Mentorship Award (2003). Janovy taught at the Cedar Point Biological Station for thirty-five years and was the director of that off-campus program for 13 years, served as Interim Director of the University of Nebraska State Museum twice, and has read approximately 500,000 pages of student writing. His teaching experiences include almost continuous service in large-enrollment introductory biology courses in addition to his upper division and graduate seminars. He has supervised 18 MS, 14 PhD students, and approximately 50 undergraduate researchers, including 10 Howard Hughes scholars and two Fulbright Scholarship winners.

His wife Karen is now retired, but served as Curator of Education at UNL's Sheldon Museum of Art for 25 years. The Janovys have three grown children, two daughters who are journalists and a son in the real estate business.

His web site is <https://www.johnjanovy.com>

### 3. Pictures

Download pictures from: [https://www.johnjanovy.com/JJ\\_Photos.pdf](https://www.johnjanovy.com/JJ_Photos.pdf)

### 4. Complete curriculum vitae

July, 2023

#### CURRICULUM VITAE

**Name:** John Janovy, Jr.

**Title:** Varner Professor Emeritus, University of Nebraska-Lincoln  
(Paula and D. B. Varner Distinguished Professor of Biological Sciences)  
Research Associate, University of Nebraska State Museum

**Specialty:** Protozoology/Parasitology/Parasite Ecology.

**Address:** School of Biological Sciences  
University of Nebraska-Lincoln  
Lincoln, Nebraska 68588-0118  
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Tel: 402/472-2754 or 2720  
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421 Sycamore Drive  
Lincoln, Nebraska 68510  
jjparasite@hotmail.com  
Tel: 402/489-4369

**Web Sites:** <https://www.johnjanovy.com>  
<https://fridaycoffee.blogspot.com>

**Education:** Classen High School, Oklahoma City, Oklahoma; Diploma, June, 1955.  
University of Oklahoma, Norman; B.S. in Math, June, 1959.  
University of Oklahoma, Norman; M.S. (Zoology), June, 1962.  
University of Oklahoma, Norman; Ph.D. (Zoology), June, 1965  
Rutgers, New Brunswick, N.J.; Post-Doctoral, 1965-66.

**Military Service:** U.S. Army Active Reserve, 1959-1966 (Artillery, Captain, airborne training, communications)

**Professional Experience:**

Director, Cedar Point Biological Station, 1979-1986 and 1993-1999  
Interim Director, University of Nebraska State Museum, 1994-1996  
Professor of Biological Sciences, University of Nebraska-Lincoln, August, 1974 - 2011.  
Interim Director, University of Nebraska State Museum, 1984-86 and 1994-96.  
Associate Professor of Zoology, UN-L, 1971-1974.  
Assistant Dean, College of Arts and Sciences, UN-L, 1970-1972.  
Assistant Professor of Zoology, UN-L, 1966-1971  
Post-doctoral trainee, Rutgers, 1965-1966.  
Special Instructor, University of Oklahoma, 1965.  
Research Assistant, (to J.T. Self), University of Oklahoma, 1963-1965.  
Teaching Assistant, University of Oklahoma, 1962-1963.

**Professional Societies:**

American Society of Parasitologists  
Southwestern Association of Parasitologists  
Helminthological Society of Washington  
Rocky Mountain Conference of Parasitologists  
Midwestern Conference of Parasitologists

**Honors and Awards:**

University of Nebraska Foundation Award for Distinguished Teaching, 1970 (Foundation medal plus \$1000)  
Nebraskaland Foundation Pioneers Award for service to the state, 1983  
Bishop Clarkson School of Nursing Loren Eiseley award for writing relating the sciences and humanities, 1986  
University Honors Program Master Lecturer, 1986  
*American Health* magazine book award for 1987 (for *Fields of Friendly Strife*)  
Mayor's (Lincoln) Arts Award, Literary Heritage, 1988  
Phi Beta Kappa, 1988  
Innocents Society, honorary member  
Centennial Educational Program Fellow, 1971-1973  
University of Nebraska Burlington Northern Faculty Achievement Award, 1990 (Foundation medal plus \$3000)

Paula and D. B. Varner Distinguished Professorship, 1991- 2011  
Midland Lutheran College Honorary Doctor of Science, 1991  
University of Nebraska Outstanding Research and Creativity Award, 1998  
(Foundation medal plus \$3500)  
George M. Sutton Lecturer, University of Oklahoma, 1999  
The Nature Conservancy, Nebraska Hero recognition, 2000.  
UNL Centennial Lecture, *Who's Infected with Whom? The Natural History of Parasites*, spring, 2000  
Nebraska Library Association Mari Sandoz Award, 2002  
American Society of Parasitologists Clark P. Read Mentorship Award, 2003  
Friends of the UNL Libraries Hartley Burr Alexander Award, 2005  
Thomas Cole Lecturer, Wabash College, 2006  
Helminthological Society of Washington, Anniversary Award, 2010  
UNL Parents Association and Teaching Council Certificate of Recognition for Contributions to Students (13 years' recognition)  
Louise Pound-George Howard Distinguished Career Award, University of Nebraska-Lincoln, 2013  
American Society of Parasitologists, Distinguished Service Award, 2015

#### **School Committees:**

Zoology graduate committee; chair, 1969-71  
School of Biological Sciences ad hoc bylaws committee; chair, 1973  
School of Biological Sciences Curriculum Committee; elected chair, 1974-1976;1988-1992  
School of Biological Sciences Promotion and Tenure Committee; elected chair, 1974-1976  
School of Biological Sciences Executive Committee; Cell Biology and Genetics Section chair, 1977-78; Organismic Biology Section chair, 1989 -1990  
School of Biological Sciences Undergraduate Affairs Committee, 1998 – 2011  
Several faculty position search committees

#### **College Committees:**

Arts and Sciences Degrees with Distinction Committee; chair, 1971-1972  
Arts and Sciences Curriculum Committee; secretary, 1970-72  
Search Committee for Director, School of Biological Sciences, 1974-75

#### **University Committees:**

Ad hoc Environmental Institute Committee; 1971-1972  
Nebraska Water Resources Research Institute Executive Board; 1971-1976

Nebraska Student Union Governing and Advisory Board; 1970-1978 (committee had a student majority)  
UN-L Graduate Council; elected 1974-1975 and 1987-1990  
UN Press Advisory Board; 1985-1990  
Search Committee for Dean, College of Arts and Sciences, 1975  
Search Committee for Dean, College of Agriculture; 1988  
Search Committee for Dean, College of Arts and Sciences, 1999-2000  
Academic Planning Committee (Graduate Council representative); 1988-1990  
Ad Hoc program review committees: Department of Architecture, 1988  
Department of Classics, 1989  
Trio Programs, 2005  
General Education Task Force, 1991-1995  
University Honors Program Advisory Committee, 1986-2005  
Nebraska Bioethics Committee, 1999-?  
University of Nebraska Press Director Search Committee, 2001-2002  
Thompson Forum Speaker Selection Committee, 2002-2005  
UN-L General Education Planning Team and Advisory Committee, Chair (of both), 2005-2007 (see <https://ace.unl.edu>)

### **Professional Society Positions and Committees:**

American Society of Parasitologists: Honorary and Emeritus Members chair; Annual Meetings local arrangements co-chair, 1987 (national meetings were at UN-L in 1987); Vice President, 1990; Student Awards Committee chair, 1991; Secretary-Treasurer (2004-2009), Vice President (2011-2012), President-elect (2012-2013), President, (2013-2014).

Secretary-Treasurer of the American Society of Parasitologists – This office was the equivalent of an editorship of a major peer-reviewed journal or management of a small business. For six years I was the chief business officer for an international scientific organization, responsible for budget, membership, endowment investments, annual business meeting records and minutes, records of Council actions and votes, society annual report, and the execution of contracts (e.g. meeting site venues, BioOne, JSTOR, etc.). I worked closely with accountants and business managers paid by the society to ensure compliance with Federal and state tax laws, and supervised a half-time employee.

Vice President, President-elect, and President American Society of Parasitologists – These offices lead to presidency of the American Society of Parasitologists (ASP), publisher of the *Journal of Parasitology* and a society with many international members, an office I assumed at the 2013 annual meeting in Quebec. Responsibilities included: organization of the annual President's Symposium at the annual meeting, chair of the Priority and Planning Committee, and ultimately appointments to various ASP committees. President, 2014, duties included committee appointments, business negotiations, presiding at annual meeting in New Orleans, presidential address and publication of that address.

Southwestern Association of Parasitologists: Program Officer and President-Elect, 1988; President, 1989; Secretary-Treasurer, 1995-2001.

### **Advising:**

Chief Adviser, Integrated Studies, 1971-1972.

Pre-med adviser, 1967 - present (informal but extensive since opening of SBS Advising Center)

Campus Visits – At the request of the Campus Visits office, before retirement I met personally with about 20 families annually—typically with high school seniors applying to the UN-L Honors Program.

### **Administrative Experience:**

College of Arts and Sciences, Assistant Dean, 1970-1972.

Administrative responsibilities included review and college level approval of grant applications, annual update of college bulletin, secretary of curriculum committee, lobbying with state legislature, and miscellaneous advising, appeal cases, recruiting, etc.

Director, Cedar Point Biological Station (School of Biological Sciences), fall, 1979 to fall, 1986, and spring 1993 to fall, 1999.

Responsibilities included budgetary planning, staffing, physical plant maintenance, student recruitment, public relations, research strengthening, and food service for summer field station in western Nebraska, although day to day operations and actual performance of most of these tasks were handled by either a student assistant (1979-1986) or an Associate Director (1993-1999).

Interim Director, UN State Museum, fall, 1984 through summer, 1986, and fall, 1994, through summer, 1996.

Responsibilities included budget preparation and planning, safety planning and safety audit responses, inventory and audit responses, hiring, curator and support staff annual evaluation, public relations, liaison with citizens support organization, salary recommendations, exhibits planning, security, and educational services planning for a natural history museum with about 60 staff members (9 Ph D level curators) in botany, zoology, entomology, parasitology, paleontology, and anthropology, as well as a planetarium program.

### **Teaching Responsibilities**

General Biology (BIOS 101) or General Zoology (BIOS 112) almost every semester since September, 1966. Enrollment in these courses ranged from 140-350 students per semester. I supervised and coordinated laboratory instruction in General Zoology and wrote the lab manual for the years when I was assigned to BIOS 112 (1967 through mid-1990s).

Biodiversity (BIOS 204) was started as one of the new core majors' curriculum courses in 1996-97. This course enrolled ~100 students and was my responsibility in the spring semesters through spring, 2005, and again in spring, 2011 (260 students). I wrote one of the texts used some semesters, designed the labs, and wrote the laboratory manual for this course although in 2011 we used a different text and different lab exercises. I also instructed and supervised the TAs in this course during the semesters assigned to it up to 2005. BIOS 204 was changed to BIOS 103, Organismic Biology, effective 2004-05AY.

Intermediate level course in Invertebrate Zoology (BIOS 381) taught regularly in fall semesters. I designed the laboratories for this course and trained the TA.

Intermediate level course in Parasitology (BIOS 385). BIOS 385 was my responsibility in the spring semesters, beginning with 2006. I designed the laboratories and trained the TAs in this course.

Advanced courses include a senior/graduate course in Protozoology and graduate-only Advanced Invertebrate Zoology offered periodically upon request.

Field Parasitology (BIOS 487/887) is a summer field course taught at the Cedar Point Biological Station (CPBS). I wrote the text/lab manual and co-authored the statistical package for this course. BIOS 487/887 has been taught continuously at CPBS since 1976. I last taught this course in 2010.

Graduate seminar in parasitology (BIOS 915P) was my responsibility alternate semesters, 1966-2011.

Centennial Educational Program (Centennial College) was an experimental undergraduate residential college emphasizing independent, cross- disciplinary, project oriented, study. I participated 1/3 time in spring semesters, 1971 and 1973, in Centennial College.

Honors undergraduates: Since 1968, numerous undergraduates have done honors projects in my laboratory. Of these students, five have been Degree with Distinction candidates with required theses based on the honors research and two have been awarded a Fulbright Scholarship to study in Mexico and Chile respectively.

University Honors Program: This campus-wide program was initiated in 1986. I was selected to deliver the first series of Master Lectures and teach a 2cr freshman seminar. The Master Lectures consisted of 14 lectures on the subject: *Perceptions of the Universe*. In the spring of 1989 and following years, I taught a junior level University Honors Program seminar (topics included Global Ecological Problems; Science and Society; The Future, The Evolution of Ideas, etc.), and beginning with the 1994-95 year, taught a sophomore honors seminar entitled Research Methods in the Sciences for the next three years. In spring semesters, 2012-2016, I taught an honors seminar entitled *Tropical Medicine, Infectious Disease, and Global Health*.

RUTE (Research for Undergraduates in Theoretical Ecology – 2010-2011): This NSF-funded project involved five undergraduates working with both a biologist (JJr) and a mathematician to apply modeling techniques to problems of parasite transmission and population biology. Much of the work is done at the Cedar Point Biological Station and involves the gregarine parasites of insects. Students spend the spring semester learning biological and mathematical techniques, late spring and summer doing field work and modeling, and finish their project during the fall semester for presentation and hopefully publication in spring, 2011.

Writing About Nature (English 453/852): I taught this course once (spring, 2004) with 17 students ranging from undergraduate to doctoral level English majors.

**Reviewer:**

Numerous grant proposals (NSF, WHO, Nebraska and North Dakota state agencies) and manuscripts (Journal of Parasitology, Transactions of the American Microscopical Society, Comparative Parasitology, Journal of Eukaryotic Microbiology, Journal of Protozoology, Canadian Journal of Zoology, Acta Protozoologica, American Zoologist).

**Research and Creative Activities:**

**Funding:**

UN-L Research Council, approximately \$13,000 since 1966 for equipment, visiting scholars, research assistants, summer fellowships and supplies.



Department of Army, \$60,400 in Research and Development contracts between 1969 and 1975 for support of studies of comparative metabolism of *Leishmania* species (Protozoa).  
National Science Foundation, \$43,100 from April, 1976-1978, for studies of virulence and metabolism in *Leishmania donovani*.  
World Health Organization, \$50,000 from 1978-1981 for studies of agar plate culture of Trypanosomatidae (Protozoa).  
Nebraska Water Resources Research Center, \$6600 from 1980-1983, for studies on fish parasite species assemblages as indicator systems for use in developing surface water management schemes.  
UN-L Teaching Council, \$700, 1976, to develop non-majors freshman teaching materials from Cedar Point Biological Station settings.

### **Graduate Students Supervised:**

### **Masters Students:**

M.I. Moslih, MS, June 1968 (PhD UNMC).  
E.C. Greiner, MS, June, 1969 (stayed for PhD at UNL). P.M. Daggett, MS, 1972 (stayed for PhD at UNL).  
S.A. Knight, MS, June, 1976 (now with US Dept Agriculture, Washington, D. C.)  
Ann Marie Adams, MS, June, 1981 (PhD, June, 1988, University of Washington, now research scientist with FDA in Kansas City).  
Eugene L. Hardin, MS, June, 1987 (physician; United States Army).  
Ralene Mitschler, MS, August, 1988 (PhD, KSU, post-doctoral Stanford; now retired from Prof Biol, McDaniel College).  
Timothy Ruhnke, MS, June, 1988 (PhD, U Conn; now Prof Biol, West Virginia State Univ).  
Michael Ferdig, MS, December, 1990 (PhD University of Wisconsin Madison, now Prof, Notre Dame).  
Mary Ann McDowell, MS, December, 1990 (PhD, University of Wisconsin Madison, now Prof, Notre Dame).  
Tami Percival, MS, August 1992 (now Prof Biology, Sam Houston State University).  
Aris Efting, MS, 1994 (Have lost contact with this individual).  
Laura Krebs, MS, 1995 (was PhD student, University of Arizona, no contact for several years).  
Megan Wise, MS, 1998 (PhD, Colorado State University, now Prof, Texas A&M-San Antonio campus).  
Jennifer Schawang, MS, 2000 (formerly technician, University of Oklahoma Medical Center, now nursing student).  
Jaclyn Helt, MS, 2003 (now secondary science teacher, Ohio).  
Jillian Detwiler, MS, 2004 (PhD Purdue University, post-doc, Texas A&M University, now faculty member, University of Manitoba).  
Samana Schwank, MS, 2004 (PhD, London School of Tropical Medicine, now with NGO in Uganda).

## Doctoral Students:

- A.E. Poorman, PhD, June, 1969 (retired Prof of Biology, Kearney State College [now Kearney State University]).
- E.C. Greiner, PhD, June 1971 (retired Prof Prev Med, College Vet Med, Univ of Florida).
- N.R. Dollahon, PhD, June, 1971 (now Prof Biology, Villanova).
- A. Bhattacharya, PhD, December, 1973 (now Prof Zoology, University of Calcutta).
- P.M. Daggett, PhD, July, 1975 (formerly Curator of Protists, ATCC; now with Verizon Corporate Services, Washington, DC).
- Joan E. Decker, PhD, December, 1974 (lost contact).
- W.L. Current, PhD, August, 1977 (now with Eli Lilly) **Winner of H. B. Ward Medal, American Society of Parasitologists (ASP).**
- Amy Doran Keppel, PhD, August, 1979 (M.D., Minneapolis, deceased).
- Richard Clopton, PhD, 1993 (now Prof Biology, Peru State College) **Winner, 1992 American Society of Parasitologists National Student Paper Competition; Editor, *Journal of Parasitology*; winner Clark P. Read Mentorship Award (ASP, 2022) .**
- Scott Snyder, PhD, 1996 (now Prof Biology, Montana State University) **Winner, 1994 ASP National Student Paper Competition and Winner, 1997 ASP Clark P. Read Young Investigator Award.**
- Ben Hanelt, PhD, 2002 (now instructor, University of New Mexico) **Winner, 1998 ASP national student paper competition.**
- Matt Bolek, PhD, 2006 (now Prof. Integrative Biology, Oklahoma State University); **Winner, 2005 ASP National Student Paper Competition; 2019 H. B. Ward Medalist (ASP); President, ASP, 2021-22.**
- Gabriel Langford; PhD, 2010 (Assoc Prof, Florida Southern College in Lakeland).
- Alaine Knipes; PhD, 2010 (now full time scientist with CDC Emerging Infectious Disease division working on assessment of disease control programs in Francophone Africa).

## Undergraduate Howard Hughes Scholar Research Directed:

- Jill Anderson (1993, Head regeneration in annelid worms); now University of Nebraska College of Medicine faculty member.
- Mike Barger (1993, Host specificity in *Rhabdochona canadensis*); MS at UNL; PhD from Wake Forest).
- Megan Wise (1994, Mucus secretion in gregarine parasites); PhD and post- doc at Colorado State University, now faculty member at Texas A&M University, San Antonio campus.
- Mary Ann Addison (1994, Host specificity in *Tribolium* gregarines); now secondary science teacher in San Diego

Stephanie Watwood (1995, Host specificity in *Gregarina triboliorum*); now PhD in animal behavior from MIT.

Erica Peterson (1995, Parasite community dynamics in *Cyprinella lutrensis*); now MD from Duke.

Renee Stockland (1996, Quantification of host-parasite encounter dynamics in first instar *Tenebrio molitor* larvae); now science teacher.

Anne Loeb (1996, Host specificity in gregarines of sylvanid beetles); now PhD from University of Michigan.

Terri Keber (1997, Comparative gregarine gametocyst development); now MD from UNMC.

Molly Weichman (1998, Fish parasites as indicator communities); now MD from UNMC.

### **Examples of Other Undergraduate Research Directed (past seven years):**

Heidi Baumart (Community structure and geographic distribution of gregarine parasites in damselflies); now MD from Georgetown.

Wendy Allen (Taxonomic revision of gregarine parasites in *Tribolium freemani*); now MD from Georgetown.

Megan Collins (Monogene communities in centrarchid fishes as a function of habitat and host isolation); now teacher in Omaha.

Adam Brosz (Potential competitive interactions and niche structure of monogenean parasites of Black Bass); now MD from UNMC.

Kate Hutchens (Comparative anatomy of three leech species); 2005 MD graduate from UNMC.

Kathleen Brazeal (Niche of feather mites on cliff swallows); now PhD University of California-Davis, and Professor of Practice, UNL).

Mackenzie Waltke (Effect of host diet on parasite survival and growth in beetles, *Tribolium confusum*); now public school teacher.

Erica Peterson (Carbohydrate storage in cell compartments of gregarine parasites in adult vs. larval beetle hosts – NOTE: This is not the same Erica Peterson as listed above.); **Fulbright Scholar, 2005-06, with study in Mexico**, now MD with degree from UNMC.

Jodi Schreurs (Effect of host diet on parasite carbohydrate storage in parasites of beetles, *Tribolium destructor*); now MD from UNMC.

Jessica Ebers (Osmotic regulation in gregarine parasites of *Tenebrio molitor*); MS from William and Mary.

Kelsey Kumm (Species differences in gregarine parasite response to host diet, UNL UCARE scholar); now public school teacher.

Nicole Searcey (Spatial distribution of monogene species in the gill chambers of fathead minnows, UNL CARE scholar); **Fulbright Scholar, 2013-2014, in Chile**. Now USAF dentist.

Brittany Bunker (Population dynamics of apicomplexan parasites in odonates, RUTE scholar)

## Consulting:

World Health Organization, 1977-1982; Member Scientific Working Group (SWG) in Leishmaniasis, member and chairman, Leishmaniasis steering committee, both organizations within Special Programme in Tropical Diseases.  
University of South Dakota, 1989, Science education improvement program outside reviewer.  
University of South Dakota, 1990, outside reviewer and on-site evaluator for doctoral program proposal in biological sciences (combined USD and SDSU).  
Nebraska Public Television, 1990, script and proposal reviewer on hunting film.  
Western Heritage Museum, Omaha, 1996, exhibits and associated education planning and design  
University of Wisconsin Oshkosh, 1998, External Program Review Committee  
University of Nebraska Lincoln, 2005, TRIO Program External Review Committee  
Wake Forest University, Department of Biology, 2009, External Program Review team.

## Bibliography:

### Papers and Book Chapters:

- Janovy, J. Jr. 1962. Observations on the size of the ciliate *Dileptus anser*. Proc. Okla. Acad. Sci., 42:290-291.
- Janovy, J. Jr. 1963. Monsterism in *Dileptus* (Ciliata) fed on planarians (*Dugesia tigrina*). J. Protozool., 10:428-430.
- Janovy, J. Jr. 1964. A preliminary survey of blood parasites of Oklahoma birds. Proc. Okla. Acad. Sci., 44:58-61.
- Janovy, J. Jr. 1966. Epidemiology of *Plasmodium hexamerium* Huff, 1935, in meadowlarks and starlings of the Cheyenne Bottoms, Barton County, Kansas. J. Parasitol., 52:573-578.
- Janovy, J. Jr. 1966. Mosquitoes of the Cheyenne Bottoms Waterfowl management Area, Barton County, Kansas. J. Kans. Ent. Soc., 39:557- 561.
- Janovy, J. Jr. 1967. Respiratory changes accompanying leishmania to leptomonad transformation in *Leishmania donovani*. Exptl. Parasitol., 20:51-55.
- Janovy, J. Jr. 1972. Temperature and metabolism in *Leishmania*. III. Some dehydrogenases of *L. donovani*, *L. mexicana* and *L. tarentolae*. Exptl. Parasitol., 32:196-205.
- Janovy, J. Jr. 1973. The other side of Biology. Bios, 44:115-120 (Invited paper).
- Janovy, J. Jr. 1977. Some problems in the comparative physiology of trypanosomatid flagellates. Acta Tropica (Invited paper), 34:177-184.
- Janovy, J. Jr. 1987. Biochemistry and physiology (chapter 3) In: W. Peters and R. Killick-Kendrick, eds. The Leishmaniasis in biology and medicine. Academic Press, Inc., London, vol I. (Invited chapter)
- Janovy, J. Jr., 1997. Protistans, helminths, and arthropods. In: Coevolution of birds and their parasites (D. Clayton and J. Moore, eds), Oxford University Press. (Invited chapter)
- Janovy, J. Jr. 2002. Defining the field: Concurrent infections and the community ecology of helminth parasites. J. Parasitol., 88:440-445. (Invited review).
- Janovy, J. Jr. 2003. Acceptance of the Clark P. Read Mentor Award: The Teague Self Lessons. J. Parasitol., 89:1109-1111.
- Janovy, J. Jr. 2010. The challenge and the need to talk and write about science. In: *Taking science to the people: a communication primer for scientists and engineers*. C. Johnson

- (Ed.), University of Nebraska Press, Lincoln, NE p. 91-100. (Invited paper)
- Janovy, J. Jr. 2014. Why American higher education needs parasitologists. *J. Parasitol.*, 100:700-707. (American Society of Parasitologists Presidential address.)
- Janovy, J. Jr., M. G. Bolek, J. Detwiler, S. Schwank, A. Knipes, and G. Langford. 2007. *Gregarina niphandrodes* (Eugregarinorida: Septatorina): Oocyst surface architecture. *J. Parasitol.*, 93:714-716.
- Janovy, J. Jr, R. E. Clopton and T. J. Percival. 1992. The roles of ecological and evolutionary influences in providing structure to parasite species assemblages. *J. Parasitol.*, 78:630-640.
- Janovy, J. Jr., R. E. Clopton, D. A. Clopton, S. D. Snyder, A. Efting, and L. Krebs. 1993. Species density distributions as null models for ecologically significant interactions of parasite species in an assemblage. *Ecol. Model.*, 77:189-196.
- Janovy, J. Jr., P. M. Daggett and K. W. Lee. 1974. *Herpetomonas megaseliae*: Architectural rearrangements during amastigote formation. *J. Parasitol.*, 60:716-718.
- Janovy, J. Jr., P. M. Daggett, S. Knight and J. Gunderson. 1975. Differentiation in *Herpetomonas megaseliae*: Population and physiological changes. *Proc. Okla. Acad. Sci.*, 55:130-135. (J. T. Self retirement honor volume)
- Janovy, J. Jr., J. Detwiler, S. Schwank, M. G. Bolek, A. K. Knipes, and G. J. Langford. 2007. New and emended descriptions of gregarines from flour beetles (*Tribolium* spp. And *Palorus subdepressus*: Coleoptera, Tenebrionidae). *J. Parasitol.*, 93:1155-1170.
- Janovy, J. Jr., M. T. Ferdig and M. A. McDowell. 1990. A model of dynamic behavior of a parasite species assemblage. *J. Theoret. Biol.*, 142:517- 529.
- Janovy, J. Jr. and E. L. Hardin. 1987. Population dynamics of parasites in *Fundulus zebrinus* in the Platte River of Nebraska. *J. Parasitol.*, 73:689-696.
- Janovy, J. Jr. and E. L. Hardin. 1988. Diversity of the parasite assemblage of *Fundulus zebrinus* in the Platte River of Nebraska. *J. Parasitol.*, 74:207-213.
- Janovy, J. Jr. and G. W. Kutish. 1988. A model of encounters between host and parasite populations. *J. Theoret. Biol.*, 134:391-401.
- Janovy, J. Jr., K. W. Lee and J. A. Brumbaugh. 1974. Differentiation in *Herpetomonas megaseliae*: Ultrastructural observations. *J. Protozool.*, 21:53-59.
- Janovy, J. Jr., and K. M. Major. 2009. Why we have field stations: reflections on the cultivation of biologists. *BioScience*, 59:217-222. (Invited lead article in an issue devoted to field stations)
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Janovy, J. Jr. 2010. *Tuskers*. (Amazon.com, Kindle, Nook, [www.smashwords.com](http://www.smashwords.com)) 234p.

Janovy, J. Jr. 2009. *The Ginkgo: An Intellectual and Visionary Coming-of-Age*. (Amazon.com, Kindle, Nook, [www.smashwords.com](http://www.smashwords.com)) 334p.

Janovy, J. Jr., 2009. *Pieces of the Plains: Memories and Predictions from the Heart of America*. (Kindle, Nook, [www.smashwords.com](http://www.smashwords.com))

**Films (screenplays):**

Janovy, J. Jr. 1985. *Keith County Journal*. Nebr ETV, 16mm and video, 58min. (1986 Corp. Publ. Broadcasting, 1st place in local information programming category. 1987 Central Educational Network, 1st place in local programming category. 1986 29th Annual New York Film and TV Festival finalist.)

**Invited Essays:**

Janovy, J. Jr. 2008. The Greenhouse. In: *A Desert Illuminated: Cactus Flowers of the Sonoran Desert*; photographs by John P. Schaefer. Arizona Desert Museum Press; Tucson, Arizona. pp. 90-93.

Janovy, J. Jr. 2008. Chapters from two book manuscripts: *Bernice and John: Finally meeting your parents who died a long time ago* and *The Ginkgo*. *Isotope: A Journal of Literary Nature and Science Writing*, Issue 6.2:8-13.

Janovy, J. Jr. 2011. Burning Oil, chapter from *Bernice and John: Finally meeting your parents who died a long time ago*; in Rougarou, online literary journal (University of Louisiana, Lafayette, October, 2011).

### **Laboratory Manuals and Exercises:**

Janovy, J. Jr. 1981-2008 Field Parasitology, Biol Sci 487/488, Editions 1-14, Kinko's, Lincoln, NE 94p., annual editions since, University Bookstore.

Janovy, J. Jr. 2006-2010 Parasitology, Biol Sci 385, laboratory exercises.

Janovy, J. Jr. 1983-91 Zoology Lab, Biol Sci 112, Editions 1-3, Kinko's, Lincoln, NE 150p.  
Janovy, J. Jr. 1991, 1993 Zoology lab: a laboratory manual for Biological Sciences 112. Burgess International Group, Edina, MN, 165p.

Janovy, J. Jr. 1985-90 Invertebrate Zoology, Biol Sci 381, Editions 1-3, Kinko's, 88p.

Janovy, J. Jr. 1996. Biodiversity. University of Nebraska bookstore. (annual editions through 2005).

### **Software:**

Clopton, R. E. and J. Janovy, Jr. 1991. FieldStat 1.0 and MacFieldStat 1.0, Hotel Intestine Software, Lincoln, NE (Menu driven statistical package for parasitology teaching and research). Upgrades and application additions, FieldStat 2.0, 2000.

### **Popular Magazine Articles:**

NEBRASKALand, August, 1976 - Birds of the field - watercolors and text  
NEBRASKALand, August, 1978- A bird in the hand - watercolors and text  
NEBRASKALand, August. 1979 - an excerpt from Keith County Journal

Omaha *World-Herald*, December, 1984, Magazine of the Midlands long article on social impressions of Nebraska.

NEBRASKALand Magazine, 1985, Introductory chapter in the special issue on birds.

NEBRASKALand, October, 1988, Prairie Images - text to accompany John Spence landscape photographs (excerpt from a book in progress).

NEBRASKALand, March, 1990, The Sketchbook - text to accompany wildlife sketches and paintings by Robert Weaver.

### **YouTube Instructional Videos:**

(1) Subscribe at [jjparasite](http://jjparasite)

## **Examples of Invited Presentations:**

- Janovy, J. Jr. 2009. Achievement Centered Education: ideas for an evolving nation. Invited “kickoff” presentation to annual faculty teaching workshop, University of Missouri College of Agriculture, Food and Natural Resources, January.
- Janovy, J. Jr. 2008. What we teach, what they learn, and why anyone should care. Invited workshop and presentation on innovation in science teaching. Notre Dame University, November.
- Janovy, J. Jr. 2006. Teaching in Eden: The Cedar Point Lessons. Paul Olson Seminar, UN-L Center for Great Plains Studies, in February.
- Janovy, J. Jr. 2005. Landscape as Metaphor. Invited closing presentation for the National Natural Areas Conference, UN-L Center for Great Plains Studies (Cornhusker Hotel), in September.
- Janovy, J. Jr. 2004. The Most Common Way of Life (or, the world through a parasitologist’s eyes). September, 2004; Arkansas State University, Jonesboro, AK; College of Sciences and Mathematics Dean’s Distinguished Lecture Series (invited talk).
- Janovy, J. Jr. 2004. Host-parasite systems as indicators of environmental conditions. Mexican Society of Parasitologists bi-annual meeting, Tlaxcala, Mexico, October, 2004 (Invited Talk).
- Janovy, J. Jr. 2004. Parasite life cycles: some evolutionary implications. University of Florida College of Veterinary Medicine, Gainesville, FL, November, 2004 (Invited talk).
- Janovy, J. Jr. 2004. Classroom Response System: the BIOS 101 experience. UNL Century Club, November, 2004; Henzlik Hall Auditorium demonstration and analysis of BIOS 101 student performance statistics for the past five years.

## **Public Service:**

- Friends of the University of Nebraska State Museum, former board member and president.
- The Nature Conservancy, Nebraska Chapter, former member state chapter board of trustees (8 yrs) and former chair (2 yrs).
- Nebraska Audubon Society, former board member.
- Lincoln/Lancaster County Comprehensive Plan Committee (2000-02). Lincoln/Lancaster County Floodplain Task Force (2001-2002)
- Lincoln Mayor’s Environmental Advisory Committee (1999-2002) Audubon Spring Creek Prairie advisory board, 2010-2014
- Numerous speeches to a large variety of organizations.

## Teaching Philosophy and Accomplishments:

My goal as a teacher is to produce students who have transferable skills, understand how ideas and concepts drive intellectual endeavor, can write well, are not afraid of either novelty or controversy, and who can speak comfortably in front of any audience. I believe that at all levels students must *do* the tasks of a professional biologist as an integral part of learning biology and that history, sociology, economic conditions, religion, and the arts all influence the work of scientists whether we admit to such influence or not. Thus students should understand and be able to articulate the way in which these factors affect our profession. Finally, professors have an obligation to engage students in non-intimidating ways as part of the mentoring process. These philosophies are addressed in detail in my books *On Becoming a Biologist* (Harper and Row, 1985; UNL Press, 2004, 2<sup>nd</sup> Ed.), *Teaching in Eden* (Routledge, 2003), and *Outwitting College Professors* (Pearson, 2008).

My accomplishments in undergraduate education and graduate mentoring include a Distinguished Teaching Award (1970), Burlington Northern Teacher-Scholar Award (1990), and most important, the American Society of Parasitologists Clark P. Read Mentorship Award (2003), the latter a career recognition. I have taught large introductory classes (150-350) virtually every semester since fall, 1966, instituting such practices as extensive writing assignments using campus vegetation and museums as material, weekly student presentations on outside readings, and a large variety of almost idiosyncratic lecture techniques (e.g. using junk food wrapper ingredients lists to teach metabolism), in the process awarding approximately 15,000 grades and reading ~200,000 pages of student writing. I was the first UNL Honors Program Master Lecturer (1985), taught honors seminars for several years on a variety of unusual subjects (e.g. The Evolution of Ideas), was a member of the university's Comprehensive Education Program task force, and was chair of the UNL General Education Planning Team and General Education Advisory Committee developing a new general education program for the university. I was the first Biological Sciences faculty member to use an electronic classroom response system, and served initially as an informal adviser to fellow faculty members who want to use such technology. I also was highly instrumental in establishing the Cedar Point Biological Station as a main component of UNL undergraduate biological sciences education, being director of that program for a total of 12 years and teaching a nationally-unique course in parasite ecology (BioSci 487/887, Field Parasitology) for 33 years.

The work with undergraduate researchers and honors contract students has been an extraordinarily satisfying and remarkably successful enterprise. Undergraduate students have come to my lab, on their own, asking for opportunities to pursue independent study every semester since the fall of 1966. All of my undergraduate researchers present at regional, and many of them at national, meetings. Nine of the most recent twenty undergraduates from my lab have published in peer-reviewed journals. UNL undergraduates have ended up being a major source of my graduate students. Of my 29 MS and PhD advisees, 14 are women, and 13 were undergraduates at UNL who either stayed for the MS or returned for the PhD after receiving an MS at another institution. Of these 13, ten now hold faculty positions, four of them have externally funded research programs, and three are in industry or government. See Janovy CV section above for the names and current positions of these individuals. The University of Nebraska has a large supply of very bright students who are looking for challenge. In summary, my main teaching accomplishment has been the recognition of this fact and the engagement of many such students in a very wide variety of learning activities, always leading to meaningful careers.

## Research Accomplishments:

My research program seeks to determine how numbers and distributions of parasites are controlled in nature, with a recent focus on the evolution of life cycles and the consequent movement of parasitic organisms through ecosystems. My students and I have used a variety of eukaryotic parasite-host systems, including trypanosomatid flagellates, helminth species in small fish, and apicomplexan parasites of insects. This research has an underlying evolutionary component because it reveals factors directing the flow of parasite tissue into particular environments, thus establishing avenues for and constraints on evolutionary change.

From 1966-1981, we asked whether certain parasite physiological traits were associated with infection capabilities and infection site within a host. The parasites were trypanosomatid flagellates, especially members of genus *Leishmania*, intracellular human pathogens with zoonotic potential. We showed that species occupying different infection sites also differed metabolically, even to the enzyme level, that certain physiological changes accompanied adaptation to mammalian hosts, that these changes involved production of different exogenous proteins, and that parasite species naturally infective to mammals could alter macrophage function, thus protecting non-infective flagellates from digestion by naïve macrophages (Janovy, 1972; Daggett et al., 1978). By the late 1970s we were zeroing in on the types of communications, between parasite and host cell, that allowed parasite survival within the host's defense system (Bhattacharya and Janovy, 1975; Kutish and Janovy, 1981).

But in the late 1970s UNL did not, and would not for several years, have infrastructure to support continued research on human pathogens such as *Leishmania* species, so we began exploring alternate systems provided by opening of the Cedar Point Biological Station. Long-term studies of parasite community dynamics in *Fundulus zebrinus*, a small fish, in the highly variable transmission milieu (South Platte River) showed that in parasites with complex life cycles, parasite population structures were determined by distant abiotic events (e.g. Rocky Mountain snow pack), whereas in specialist parasite species with direct life cycles, host behavior and ecology were the major determinants. This work demonstrated that factors other than individual host-parasite relationships are of prime importance in evolution of such eukaryotic host-parasite systems and that it is quite impossible to generalize about selective forces acting on them (Janovy, 2002).

Since the early 1990s, we have continued study of parasite populations, communities, and life cycles, always asking: What can comparative studies show us about avenues for and constraints on evolutionary change in nature? Accomplishments include demonstration that larval behavior can be the prime causal factor in establishing host specificity (Snyder and Janovy, 1995), that parasites once thought to be rare are actually exceedingly common and highly motile in both terrestrial and aquatic ecosystems (Hanelt et al., 2001; Hanelt and Janovy, 2003), and that parasite life cycle transitions can be regulated by host diet (Schawang and Janovy, 2001; Schreurs and Janovy, 2008). In summary, our work demonstrates clearly that major evolutionary forces acting on *eukaryotic* host-parasite systems in nature are not necessarily those of paradigmatic factors such as host defense and parasite virulence, but instead are those dictating probabilities of encounter and transition between developmental (life cycle) stages (see Bolek and Janovy, 2007, 2007a; Langford and Janovy, 2009).



## 5. Interview for Joanna Swank, for her blogs AnyoneCanBeANovelist.com and Askmeaboutmybooks.com

Author Name: John Janovy, Jr. E-mail: [jjparasite@hotmail.com](mailto:jjparasite@hotmail.com)

Website: <http://www.johnjanovy.com>

Link to Buy Books:

<http://www.smashwords.com/books/search?query=janovy>

[http://www.amazon.com/CAREFUL-RENNER-Gideon-Marshall-Mysteries-ebook/dp/B00MIBTXDO/ref=sr\\_1\\_1?s=books&ie=UTF8&qid=1409650990&sr=1-1&keywords=Be+careful+dr+renner](http://www.amazon.com/CAREFUL-RENNER-Gideon-Marshall-Mysteries-ebook/dp/B00MIBTXDO/ref=sr_1_1?s=books&ie=UTF8&qid=1409650990&sr=1-1&keywords=Be+careful+dr+renner)

[http://www.amazon.com/STITCHER-FILE-Gideon-Marshall-Mysteries-ebook/dp/B00MJ4R878/ref=sr\\_1\\_1?s=books&ie=UTF8&qid=1409651030&sr=1-1&keywords=the+stitcher+file](http://www.amazon.com/STITCHER-FILE-Gideon-Marshall-Mysteries-ebook/dp/B00MJ4R878/ref=sr_1_1?s=books&ie=UTF8&qid=1409651030&sr=1-1&keywords=the+stitcher+file)

Book Title: BE CAREFUL, DR. RENNER and THE STITCHR FILE.

Book Description: I have a number of titles out, but these two are being published by Vook as e-books sometime in the next three weeks. The RENNER book is about a perfect murder at a small, upscale, liberal arts college in Iowa. The victim deserves it; the perps are the least suspected, but both have every reason to see this person gone. STITCHER takes place at the same college, although this time the murder, related to the first, is not so perfect. Gideon Marshall is the chair of geology at this college, and he's dragged into the mess, along with his ultra-perceptive wife, a colleague who could easily be an FBI plant, that colleague's coed paramour, ultra-wealthy and powerful donors, a bumbling campus cop, and the victim's son, an attorney from Boston, and his husband, a NSA geek. A third in this series, The Gideon Marshall Mysteries, will probably be ready next spring.

### **BOOK**

1. Are experiences based on someone you know, or events in your own life? In this case, absolutely yes. You can find all kinds of sleaze, abuse, stupidity, and the illusion that someone is above the law in almost any university department, and this one (fictitious!) is no different. You can also hide secrets of enormous economic potential in college file cabinets, and that fact is also an element of these two books.
2. Can you share a little of your current work with us? I have a number of projects, both fiction and non-fiction. The next fiction piece I'll send to my agent is one that I finished this week ("finished" is a relative term!) but started back in the 1980s when a friend said "John, nobody cares about worms and snails. If you want people to read your stuff, you need to write something full of sex, violence, and religion." Well, I tried this on this project, and it turned out to be fairly scholarly regardless of the subject (an arson case with the alleged perp represented by a public defender.)

3. Did you learn anything from writing your book and what was it? I always learn a lot! The lessons range from writing styles, to marketing techniques, to the facts that have to support scenes and actions in the book. For this most recent work, I studied law quite a bit.
4. Give us an insight into your main character. What does he/she do that is so special? Gideon Marshall is a micropaleontologist at a small liberal arts college, dragged into a situation by virtue of bylaws that make him chair of the department when the current chair dies, ostensibly of a heart attack. He approaches various problems in a fairly rational way. His wife, Mykala, is exceedingly perceptive and is constantly coming up with ideas and observations that turn out to be true. Marshall is dragged into the murders, and as the stories progress, he becomes more and more involved in the investigations, eventually forcing them in a particular direction. As far as special behavior, I'd say he's calm, analytical, and insightful, but when he has to bend the rules, occasionally quite a bit, it doesn't bother him to do so.
5. Is there a message in your novel that you want readers to grasp? Absolutely, there are several: weapons of mass destruction start out as ideas and theories; really smart people can produce technology that is exceedingly dangerous; arrogance and self-importance are actually weapons that others can use against you; economic and political power can't always trump intelligence and rationality.
6. Who edited your book and how did you select him/her? I did the heavy editing. I have a friend in the criminal justice system who read both and commented. My wife read them both and made some minor changes.

### **CRAFTING**

1. Any tips on how to get through the dreaded writer's block? Have several projects going at once and write every day. Take your best time of the day for your own creative activity and keep that time sacred.
2. Any tips on what to do and what not to do? Don't stop. Write every day. Shut off the music. Play like an actor: when it's time to assume the character of a great novelist, shut out the world and do it. Pick a favorite place and be there every day.
3. Do you aim for a set amount of words/pages per day? I shoot for an hour of hard creative work every day. I work more on time than on word count.
4. Do you ever get writer's Block? How did you overcome it? I have yet to get writer's block, probably because I have so many projects going at once.
5. Do you have a special time to write or how is your day structured? I was a college prof (biologist) for almost 50 years. Depending on my class schedule, I would go over to the student union either first thing in the morning or immediately after class. I wrote several books in the University of Nebraska-Lincoln union, including non-fiction ones published by major publishers.
6. Do you have a specific writing style? My sentences are too long. I try to be logical.
7. Do you let the book stew – leave it for a month and then come back to it to edit? Only if there is a reason (usually another book is going better).
8. Do you proofread/edit all your own books or do you get someone to do that for you? It depends on the book. I rely quite a bit on Word auto-correct and spelling and grammar check.
9. Do you work to an outline or plot or do you prefer just see where an idea takes you? I have a sequence in mind, but I really don't outline. When I know the ending, the rest of the book seems to flow pretty easily.
10. Do you write every day, 5 days a week or as and when? At least five days a week, and I've been doing that since the late 1960s.
11. How did you come up with the title? The RENNER book was first called STICKS AND STONES, based on the old saying that "sticks and stones may break my bones but words will

never hurt me.” In this case, the words were the weapon. After I started thinking about marketing and cover design, I changed the title. The STITCHER book was first titled THE STITCHER TRAP, but my agent suggested FILE instead, simply to lend a little more mystery to it.

12. How long does it take you to write a book? Depends on the book. Both of these titles were National Novel Writing Month projects (50,000 words in 30 days) but re-written quite a bit after December 1. Another of my fiction pieces, TUSKERS, about the OU vs. NEBRASKA football game in the year 2090 took almost exactly 6 months and was re-written very little. I have projects that I’ve been working on slowly for years.
13. How much research do you do? Quite a bit. I read constantly, several magazines, utilize most of the libraries in town, etc.
14. Is there anything you find particularly challenging in your writing? Getting people to buy it? Regardless of the project, they always turn out to be more difficult and time-consuming than you believe at first.
15. What is the easiest thing about writing? Doing it every day. You get addicted to the act, the creative act.
16. What is the hardest thing about writing? I believe that at some point you have to learn to back away from your creative miracle and treat it like some editor would. I believe that I’ve learned to do that, but for a lot of people that’s a very difficult transition to make.
17. What made you decide to sit down and actually start something? I was bored with my job.
18. What were the challenges (research, literary, psychological, and logistical) in bringing it to life? Dialog is always a challenge, and I study a lot of dialog in published books. Ask yourself: what does John Grisham get by with?

## **MARKETING**

1. Any amusing story about marketing books that happened to you? Not really. I’ve tried a lot of things and am not sure they work all that well. During the summer of 2013 I was traveling quite a bit between Lincoln, NE and the University’s research facility in Keith County, about 300 miles west. I put a sign in the back window of my pickup: STARTING SCHOOL? YOU NEED OUTWITTING COLLEGE PROFESSOR FROM AMAZON.COM. OUTWITTING is one of my self-published books, avail in e-book and paperback. Every time I was out on the highway with that sign, there was a small flurry of sales.
2. Did you do a press release, Goodreads book launch or anything else to promote your work and did it work? I haven’t, but Vook will with these two Gideon Marshall mysteries. When I published traditional books with traditional publishers, especially back in the 1980s and 1990s, they did some press releases and contacted local radio and television stations.
3. Did you get interviewed by local press/radio for your book launch? Not yet for these two books, but I did quite a bit of that back in the 1980s and 90s. Advice: practice talking to a camera!
4. Did you make any marketing mistakes or is there anything you would avoid in future? I’m not sure I’d pay for marketing services, or pay very much for advertising.
5. Do you have a strategy for finding reviewers? I have a couple of other authors who trade reviews.
6. Do you have a trailer or do you intend to create one for your own book/s? Yes, I create blurbs, and write query letters.
7. Do you have any advice for other authors on how to market their books? Use social media, exploit your friends, and never be ashamed (shameless self-promotion is part of the business.)
8. Do you think that giving books away free works and why? It depends. With OUTWITTING COLLEGE PROFESSOR, I sent out a bunch of copies to college newspapers and end up selling a bunch. I also give books to select individuals mainly to sustain a reputation as a writer. And I also give them to students who work in my lab or office.

9. Do you think that the cover plays an important part in the buying process? Absolutely. Study covers.
10. How are you published? Self, Vanity or Traditional Self and traditional. I would never pay to have a book published, and self-publishing outlets like kindle, smashwords, and createspace really don't cost anything. However, you do need to get up to speed on formatting and sometimes on cover design.
11. Is there any marketing technique you used that had an immediate impact on your sales figures? Not really. I do keep up the social media work.
12. What do you think of "trailers" for books? Probably not effective, at least for mine, but they might work for romance.
13. What part of your writing time do you devote to marketing your book? Tired time. I try not to be obsessive about it, but whenever the opportunity arises I hit social media fairly hard.
14. What's your views on social media for marketing? DO IT!!!
15. Which social network worked best for you? I don't really know, but I use Facebook and Twitter fairly often.
16. Who designed your book cover/s? In the case of the RENNER and STITCHER books, I designed the covers for the first editions, but once my agent decided to handle them as e-books, she recommended a designer. I thought the results were really nice and I'm happy with them. I got both designs for about \$220.
17. Would you or do you use a PR agency? I would never pay an agency anything except a fraction of your earnings after the fact.

### **PERSONAL**

1. Are there any new authors that have grasped your interest? Not really. I study fiction in the library, pretending to be a traditional editor or literary agent, asking whether the first five pages would make me offer that writer several thousand dollars as an advance.
2. As a child, what did you want to do when you grew up? Be a naturalist. That's in the opening paragraphs of my book ON BECOMING A BIOLOGIST.
3. Do you have any advice for other writers? Write constantly. Study what others do. Learn to analyze literary techniques used by other writers (how did they start a book, a chapter, etc.?)
4. Do you have anything specific that you want to say to your readers? Thankyou!!!
5. Do you read much and if so who are your favorite authors. I read constantly, but nowadays it's mostly The New Yorker, Harpers, and other magazines. I have read a lot of non-fiction and some of that has influenced me greatly. At one time I read all of Graham Greene, all of John Barth, a lot of Alan Drury, and all the short stories of Somerset Maugham. I have a reading list link on my web site of books that have made a truly major impact on my thinking and behavior.
6. Do you recall how your interest in writing originated? I've always been a reader, and I've always spent time alone doing something creative, even as a child.
7. Do you see writing as a career? I'm working hard at it, now at the age of 76.
8. How do you relax? Vodka.
9. If you had to choose, which writer would you consider a mentor? Probably Norman Mailer for his non-fiction (OF A FIRE ON THE MOON, in particular)
10. What advice would you give to aspiring writers? Get tough skin or quit. Get really tough skin or quit.
11. What are your ambitions for your writing career? When my first book was published (KEITH COUNTY JOURNAL, in 1978, by St. Martin's Press) I vowed to write seriously and never write another grant proposal again. When I retired, in 2011, I had a 1-year, 5-year, and 10-year plan, assuming I lived long enough and stayed healthy. The 1-year was to get that damned textbook

- (FOUNDATIONS OF PARASITOLOGY) off my desk; accomplished. The 5-year was to find a new agent and get one piece of fiction published by a traditional publisher; not really accomplished, but with these Gideon Marshall mysteries being handled by my agent as e-books, that's a foot in the door. The 10-year plan is to get rich and famous (hasn't happened yet!).
12. What does your family think of your writing? Wife: depends entirely on the project; she prefers my non-fiction but loved RENNER and STITCHER. Oldest daughter (journalist): we don't talk much about writing; she has hers and I have mine. Youngest daughter (editor with ESPN): appreciates it, especially TUSKERS, which my agent tried very hard, but unsuccessfully, to sell.
  13. What draws you to this genre? I am a scientist. Scientists work on problems, mysteries. It seemed natural.
  14. What genre are your books? My non-fiction ranges from natural history (KEITH COUNTY JOURNAL, VERMILION SEA), to educational theory (TEACHING IN EDEN), to age group athletics (FIELD OF FRIENDLY STRIFE). Some of my fiction is sci fi (TUSKERS; CONVERSATIONS BETWEEN GOD AND SATAN), a ghost/sci fi combo (DINKLE'S LIFE: A SPIRITUAL BIOGRAPHY), and semi-intellectual mystery (RENNER and STITCHER).
  15. What is your work schedule like when you're writing? I'm likely to be at it 24/7, although most of the time my really creative work is done between 8 and 10 in the morning.
  16. What was one of the most surprising things you learned in creating your books? That I could actually do it.
  17. What would you say is your interesting writing quirk? I don't know that I have any habits anyone would find interesting. I work best with really dark coffee and a couple of pieces of dark chocolate at my favorite place in the UNL student union.
  18. When did you first realize you wanted to be a writer? I believe it was more a case of deciding that I could be, rather than wanted to be. Scientists write all the time anyway, in different genre.
  19. When did you write your first book and how old were you? I believe that I wrote a very long story when I was in junior high, having to do with drilling a well (my father was a petroleum geologist). I wrote my first piece of serious fiction, with the intent to get it published, in the late 1960s, inspired by the student unrest during the Vietnam days. It's buried in the files, just like everyone else's first novel.
  20. Where can you see yourself in 5 years time? Rich, famous, and 82 years old.
  21. Who is your favorite author and what is it that really strikes you about their work? I like John Grisham as a fiction writer because he seems to have a style, and a narrative technique, that I can analyze. I have a number of favorite non-fiction authors, but Karen Armstrong and Barbara Tuchman are a couple of good ones.
  22. Why do you write? Because I want to, and believe that I have something to say.
  23. Did you format your own book? Yes.
  24. Is there anything else you would like to add that I haven't included? All of the writers I know, people who actually behave like writers whether they are making a living at it or not, are supremely self-confident. If I had any real take-home advice, it would be to be confident than you can accomplish anything you set your mind to, whether that's true or not.

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