

SOPHIE JAKOWSKA, Ph.D. Arz. MERIÑO 154 • SANTO DOMINGO • DOMINICAN REPUBLIC • TEL. &amp; FAX: (809) 6873948

Querida Dyrce

el 30 de noviembre 1999

nuestra pequeña cibernauta -  
Hasta que tengamos computadora en casa - te escri-  
bí por métodos tradicionales.

Anexo a anuncio de The American Microscopical Society  
si quieres ser miembro (lo soy desde 1948, creo). Son  
personas que más se dedican a la buena microsco-  
pia. El último número tiene un artículo sobre los  
anémicos, con coloración "TUNEL" para diferenciar  
núcleos de células en apoptosis. Voy a escribir a la  
compañía que produce el colorante.

Dyrce - estoy todavía corrigiendo más de una semana.  
No tengo capacidad para todo - la correspondencia de  
"negocios" científicos y filantropicos es enorme y no espera  
Nuestros gastos definitivamente para esa revista  
de INVERTEBRATE BIOLOGY. Craus 88

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(Formerly Transactions of the  
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## SOPHIE JAKOWSKA, PH.D.

Nació en Varsovia, Polonia, en el 1922 donde se graduó de Bachiller en Humanidades en 1939, siguiendo estudios en la Universidad de Roma, Italia (1939-42) y la Universidad de Fordham, Nueva York, EE.UU. donde recibió la Maestría (1943) y Doctorado, Ph.D. en Biología (1947).

Trabajó en investigación, como profesora universitaria de postgrado, en industria farmacéutica, la Administración de Alimentos y Drogas (FDA). Ostenta varios títulos honoríficos ej. Fellow AAAS, N.Y.Z.S., entre otros. por sus estudios en hematología y patología comparada y experimental, sobre sustancias antibióticas de origen natural y sustancias mucosas de invertebrados y vertebrados, con más de 200 trabajos científicos.

Se relaciona con República Dominicana desde el 1962 como colaboradora de CIBIMA, UASD, y co-fundadora de la carrera de Licenciatura en Biología, siendo nombrada Profesora Honorífica de la UASD (1968). Asesora honorífica del Laboratorio de la Dirección De Ganadería en los 1960s.

Residente en Santo Domingo desde su jubilación como Profesora de Biología de CUNY (Univ. de la Ciudad de Nueva York) College of Staten Island (1977) se dedica desde entonces a la Comisión de Educación y Comunicación de UICN (Unión Internacional para la Conservación de la Naturaleza) y desde 1984 al Grupo de Trabajo de Ética de la misma; este grupo redactó el Capítulo sobre Ética Ambiental en el texto oficial "Cuidar la Tierra" (1991).

Desde fines de 1980 se dedica a la Comisión Nacional de Bioética; es miembro fundador y vocal de la misma.

Como Asesora de Pastoral Juvenil Arquidiocesana se dedica a orientación ecológica para la Nueva Evangelización y retiros de espiritualidad ecológica. Incentiva a la acción pro-ambiente desde la Fe.

Como miembro del Patronato del Parque Nacional Mirador Norte (1996) promueve dichos aspectos de concientización ecológica y colabora con el Patronato de la Ciudad Colonial de Santo Domingo a nivel comunitario en problemas relacionados con la contaminación del aire y sus efectos sobre la salud humana y el ambiente.

Es Miembro de la Directiva de la Fundación Armonía Global, Suiza, y coordina varios proyectos de bienestar social.

Contribuye sobre temas de ambientalismo cristiano al semanario CAMINO, el diario LA INFORMACION, y en el extranjero; es miembro de UCADECOS.

Recipiente por los aportes a la educación ambiental de "Tree of Learning Award" en el 40-º aniversario de UICN y de la Medalla de Oro de la Liga de Protección de la Naturaleza (LOP) en ocasión de la fundación de la Aldea Internacional de Educación Ecológica en Silesia, Polonia, con la cual colabora.

Es autora de textos de educación ambiental "En una isla como la nuestra", "Hijos de la Tierra", "Amigos del Cocodrilo" y "Amigos del Cocodrilo en el Parque Zoológico", publicados en el 1979 en República Dominicana, y de "En un País como el nuestro" y "La quiero libre" (sobre cotorras) publicados en Costa Rica.

**JAKLEVIC, ROBERT C. EXPERIMENTAL SOLID STATE PHYSICS.** *Current Pos:* staff scientist solid state physics, 62-80, PRIN SCIENTIST, FORD SCI LABS, 80- *Personal Data:* b Kansas City, Kans, July 27, 34; m 62; c 2. *Educ:* Rockhurst Col, BS, 56; Univ Notre Dame, PhD(physics), 60. *Honors & Awards:* Tech Achievement Award, Ford Motor Co, 90. *Prof Exp:* Fel, Univ Notre Dame, 61-62. *Mem:* Fel Am Phys Soc; Sigma Xi. *Res:* Superconductivity; Josephson tunneling; normal metal tunneling; photoelectric effect in metals; thin film technology; tunneling in semiconductors; organic conductors; surface science; scanning tunneling spectroscopy; nanoscale devices. *Mailing Add:* 28988 Augusta Farmington MI 48331-4812

**JAKOB, FREDI, ANALYTICAL CHEMISTRY.** *Current Pos:* from asst prof to assoc prof, 61-69, chmn dept, 63-68, PROF CHEM, CALIP STATE UNIV, SACRAMENTO, 69- *Personal Data:* b Horstein, Ger, Jan 11, 34; US citizen; m 37; c 4. *Educ:* City Col NY, BS, 55; Rutgers Univ, PhD(Anal Chem), 61. *Prof Exp:* Instr chem, Rutgers Univ, 60-61. *Concurrent Pos:* NSF grants, 61-; consult, St Bd Equalization, 62-78 & consult chemist, Anal Assoc Inc; vis assoc prof, Univ Wis, Madison, 68-69; vis prof, Victoria Univ, Wellington, NZ, 71, Univ Wollongong, Australia, 82. *Mem:* Am Chem Soc. *Res:* Theory and application of separation methods and chemical instrumentation; laboratory applications of computers. *Mailing Add:* Dept Chem Sacramento State Col 6000 Jay St Sacramento CA 95819

**JAKOB, KARL MICHAEL, NUCLEIC ACIDS BIOLOGY, CELL BIOLOGY.** *Current Pos:* res assoc plant genetics, 53-68, sr scientist, 69-78, ASSOC PROF, WEIZMANN INST SCI, ISRAEL, 79- *Personal Data:* b Berlin/Ger, Nov 5, 21; nat US; m 54; c 2. *Educ:* Univ Ill, BS, 43, MS, 48; Univ Calif, PhD(cytogenetics, bot), 52. *Prof Exp:* Plant breeder, Marshall Farm Serv, Ill, 43-45; asst bot & cytol, Univ Ill & Univ Calif, 47-51. *Concurrent Pos:* Vis sr lectr, Univ Bar Ilan, Israel, 62-72; vis investr, Biol Div, Oak Ridge Nat Lab, 63-64. *Mem:* Sigma Xi; Int Soc Plant & Molecular Biol. *Res:* Biochemistry of the cell division cycle of eukaryotes; plant RNA metabolism; use of antisense RNA probes to locate transcriptional activity by insitu hybridization; molecular biology of chromatin during DNA replication in vivo. *Mailing Add:* Dept Plant Genetics Weizmann Inst Sci Rehovot 76100 Israel

**JAKOBIEC, FREDERICK ALBERT, OPHTHALMOLOGY, PATHOLOGY.** *Current Pos:* CHMN, MANHATTAN EYE, EAR, & THROAT HOSP, 80- *Educ:* Harvard Univ, MD. *Res:* Tumor surgery. *Mailing Add:* Harvard Med Sch 243 Charles St Boston MA 02114

**JAKOBSEN, ROBERT JOHN, VIBRATIONAL SPECTROSCOPY, ESPECIALLY AS PERTAINS TO BIOLOGICAL MOLECULES.** *Current Pos:* PRES, IR-ACTS, 88- *Personal Data:* b Chicago, Ill, Jan 29, 29; m 52, Jayne Mailloux. *Educ:* Col of Emporia, BS, 51. *Honors & Awards:* Coblenz Soc Williams-Wright Award, 84; Rappaport Mem Award, Ohio Valley Sect, Soc Appl Spectros, 90. *Prof Exp:* Asst phys chem, Kans State Univ, 51-55 & Univ Kans, 55-56; prin chemist, Battelle Columbus Labs, 56-64, sr chemist, 64-76, res leader, 76-86; tech dir, Mattson Inst Spectros Res, 86-88. *Concurrent Pos:* Adj prof chem, Kans State Univ, 88- *Mem:* Soc Appl Spectros; Coblenz Soc; Sigma Xi; NY Acad Sci. *Res:* Molecular spectroscopy, mainly infrared and Raman; application of molecular spectroscopy to structure, especially the structure of proteins and other biological molecules. *Mailing Add:* IR-ACTS 4842 N High St Columbus OH 43214

**JAKOBSON, MARK JOHN, NUCLEAR PHYSICS.** *Current Pos:* from asst prof to assoc prof, 53-58, chmn dept astron & physics, 68-73, PROF PHYSICS, UNIV MONT, 58- *Personal Data:* b Carlyle, Mont, May 4, 23; m 45; c 2. *Educ:* Univ Mont, AB, 44, MA, 47; Univ Calif, PhD(Physics), 51. *Prof Exp:* Asst physics, Univ Calif, 47-49, physicist, Radiation Lab, 50-52; instr physics, Univ Wash, 52-53. *Mem:* Fel Am Phys Soc. *Res:* Photoneuclear reactions; accelerator design; pion interactions. *Mailing Add:* 3000 Queen St Missoula MT 59801

**JAKOBSSON, ERIC GUNNAR, SR, BIOPHYSICS, PHYSIOLOGY.** *Current Pos:* res assoc, 71-72, asst prof, 72-78, ASSOC PROF PHYSIOL & BIOPHYS, UNIV ILL, URBANA, 78-, ASSOC PROF BIOENG, 81- *Personal Data:* b New York, NY, Nov 18, 38; m 63; c 6. *Educ:* Columbia Univ, BA, 59, BS, 60; Dartmouth Col, PhD(physics), 69. *Prof Exp:* Process engr cryog, Air Prod & Chem, 60-62; develop engr, Malaker Corp, 62-65; fel, Case Western Reserve Univ, 69-71. *Concurrent Pos:* Fel, NSF, 70-71; vis assoc prof physiол, Duke Univ, 79. *Mem:* Biophys Soc; AAAS; NY Acad Sci; Am Phys Soc. *Res:* Mechanisms and significance of ion movement across biological membranes; osmoregulation of animal cells; physics of ion movement; rhythmic and repetitive electrical activity in nerve. *Mailing Add:* Div Biophysics Univ Ill 156 Davenport Urbana IL 61801

**JAKOBY, WILLIAM BERNARD, BIOCHEMISTRY, ENZYMOLOGY.** *Current Pos:* sr investr, Nat Inst Arthritis, Metab & Digestive Dis, 55-68, CHIEF SECT ENZYMES & INTERMEDIARY METAB, NAT INST DIABETES & DIGESTIVE & KIDNEY DIS, 68-, CHIEF, LAB BIOCHEM & METAB, 84- *Personal Data:* b Breslau, Ger, Nov 17, 28; nat US; c Michael & Robert. *Educ:* Brooklyn Col, BS, 50; Yale Univ, PhD(microbiol), 54. *Prof Exp:* Fel pharmacol, NY Univ-Bellevue Med Ctr, 53-54, fel biochem, 54-55. *Concurrent Pos:* Mem bd dirs, Found Advan Educ in Sci, 68-87; mem adv bd, John F Fogarty Int Ctr Advan Study Health Sci, NIH, 70-73; consult, Molecular Biol Panel, NSF, 70-73 & 76; mem, Enzyme Comm, Int Union Biochem, 69-71, Comn Biochem Nomenclature, 74-80, life sci res off adv

comt, Fedn Am Soc Exp Biol, 83-89; ed in chief, Anal Biochem, 86-; assoc ed Hepatol, 80-85 & Protein Expression & Purification, 90-92. *Mem:* Am Soc Biol Chemists. *Res:* Enzymology, detoxication. *Mailing Add:* NIH Bldg 10 Rm 9N119 Bethesda MD 20892. *E-Mail:* wbjakoby@helix.nih.gov

**JAKOI, EMMA RAPP, CELL BIOLOGY, MOLECULAR BIOLOGY.** *Current Pos:* ASSOC PROF, DEPT NEUROL, MED COL VA, 89- *Personal Data:* b Cornwall, Ont, May 10, 46; US citizen; m 71. *Educ:* Wash State Univ, BS, 68; Duke Univ, PhD(physiol, pharmacol), 73. *Prof Exp:* Asst prof anat, Med Ctr, Duke Univ, 77-89. *Concurrent Pos:* Res assoc anat, Med Ctr, Duke Univ, 73-74; USPHS instrnl res fel, 74-75, USPHS fel, 75-77. *Mem:* Am Soc Cell Biol; Biophys Soc; Sigma Xi. *Res:* Biochemical and morphological studies of ligatin, a membrane bound baseplate for cell surface proteins involved in intercellular adhesion during development of embryonic chick neural retina and in degradation of glycoproteins and glycolipids in suckling rat ileal epithelial cells. *Mailing Add:* Med Col Va 599 MCV Sta Richmond VA 23298

**JAKOWATZ, CHARLES V, electrical engineering; deceased, see previous edition for last biography**

**JAKOWSKA, SOPHIE, PATHOBIOLOGY, ENVIRONMENTAL EDUCATION.** *Current Pos:* RETIRED. *Personal Data:* b Warsaw, Poland, Feb 12, 22; nat US; m 41; c Peter, John & Marie-Helene. *Educ:* Lycee Warsaw, Poland, cert, 39; Univ Rome, cert, 42; Fordham Univ, MS, 45, PhD(biol), 47. *Honors & Awards:* Tree Learning Award, Int Union Conserv of Nature & Natural Resources, 88; Liga Ochrony Przyrody gold medal, League Protection Nature, 89. *Prof Exp:* Instr bact, Col Mt St Vincent, 46; asst chemother div, Sloan-Kettering Inst Cancer Res, 47-48; from asst prof to assoc prof, Col Mt St Vincent, 48-58; asst to vpres med affairs, Nat Cystic Fibrosis Res Found, 61-62; head dept path, Food & Drug Res Labs, Inc, 64-67; tech adv & res coordr biol, Santo Domingo Univ, 67-68; spec proj dir, Nat Cystic Fibrosis Res Found, 68-69; biologist, Food & Drug Admin, 69-71; prof biol sci, Col Staten Island, City Univ NY, 70-78. *Concurrent Pos:* Collabr, NY Aquarium, NY Zool Soc, 48-59, res assoc exp biol, Dept Marine Biochem & Ecol, 59-62; collabr, Brookhaven Nat Lab, 52-62; vis prof grad sch, St Louis Univ, 57; res assoc dept labs, Beth Israel Hosp, 59- & Inst Crippled & Disabled, 62; NSF biol teacher inst lectr, Iona Col, 63-; consult, Inst Marine Biol, Santo Domingo Univ, 63-, res coordr & hon prof fac sci, 68-; consult, Animal Med Ctr, 64-68; pvt consult, 66-; consult, Span Dept, Grolier, Inc, NY, 68-75; reviewer proposals & projs, Comn Educ, Int Union Conserv Nature; sci consult, 77-; mem, Int Union Conserv Nature & Natural Resources Working Group on Ethics, 84-, liaison, World Coun Churches, 88, adv bd, Global Harmony Found, 89-. *Mem:* Fel AAAS; Am Micros Soc; Soc Protozoal; Am Soc Ichthyologists & Herpetologists; Am Inst Biol Sci; fel NY Acad Sci; Sigma Xi. *Res:* Plant and animal cytology; comparative pathology and hematology; experimental biology; parasitology; radiobiology; biochemical ecology; mucous secretions; conservation and religious environmental education; writing books for children and new readers in Spanish on conservation and environmental education, e.g., on crocodiles, parrots, etc; author of numerous scientific papers and books; continuing work and education of environmental conservation with religious motivation. *Mailing Add:* Arz Merino 154 Z-1 Santo Domingo Dominican Republic

**JAKUBIEC, ROBERT JOSEPH, ANALYTICAL CHEMISTRY.** *Current Pos:* CONSULT, 91- *Personal Data:* b Detroit, Mich, June 19, 41; m 64; c 2. *Educ:* Univ Detroit, BS, 63; Wayne State Univ, PhD(Anal Chem), 68. *Prof Exp:* Chemist, US Food & Drug Admin, 63-65; sr chemist, Corn Prod Co, 68-69; sr chemist, Armak Co, Div Akzona, 69-70, sect mgr anal chem, 69-76; vpres & lab dir, Enviro-Test/Perry Chicago Dairy Labs, Inc, 76-91. *Concurrent Pos:* Guest lectr, Northwestern Univ & Roosevelt Univ, 71-; instr, Chicago Gas Chromatog Sch, 73- *Mem:* Am Chem Soc; Am Oil Chem Soc; Am Soc Testing & Mat; Water Pollution Control Fedn; Am Asn Cereal Chemists; Asn Off Anal Chemists. *Res:* General analytical methods development; gas chromatography; thin layer chromatography; atomic absorption spectroscopy; ultraviolet and visible spectroscopy; residue analysis; general instrumentation; high pressure liquid chromatography; ion chromatography. *Mailing Add:* 5551 Lyman Downers Grove IL 60516

**JAKUBOWSKI, GERALD S, ENGINEERING EDUCATION ADMINISTRATION, LASER DOPPLER VELOCIMETRY.** *Current Pos:* DEAN, COL SCI & ENG, LOYOLA MARYMOUNT UNIV, 90- *Personal Data:* b Toledo, Ohio, Nov 22, 49; m 72; c 2. *Educ:* Univ Toledo, BSME, 74, MSME, 76, PhD(eng sci), 78. *Honors & Awards:* Ralph R Tector Award, Soc Automotive Engrs, 85. *Prof Exp:* Grad & admin asst, Col Eng, Univ Toledo, 74-78, from asst prof to assoc prof mech eng, 78-86, asst dean eng, 86-88; assoc dean eng, Memphis State Univ, 88-89, interim dean, 89-90. *Concurrent Pos:* Fel, NASA-Lewis Res Ctr, 84-85; chair, New Eng Educ Comt, Am Soc Eng Educ, 85-86; mem, Student Activ Comt, Soc Automotive Engrs, 86-, eng educ bd, 90- *Mem:* Am Soc Eng Educ; Soc Automotive Engrs; Am Soc Mech Engrs; Am Inst Aeronaut & Astronaut. *Res:* Thermodynamics; fluid mechanics; heat transfer and energy; pump cavitation; ice melting; laser Doppler velocimetry. *Mailing Add:* Col Sci & Eng Loyola Marymount Univ Loyola Blvd at W 80th St Los Angeles CA 90045

**JAKUBOWSKI, HIERONIM ZBIGNIEW, PROTEIN SYNTHESIS REGULATION & ACCURACY, MOLECULAR MECHANISMS OF CELLULAR DEFENSES AGAINST STRESS.** *Current Pos:* adj asst prof, 84-91, ADJ ASSOC PROF MICROBIOL & MOLECULAR GENETICS, NJ MED SCH, NEWARK, 91- *Personal Data:* b Szczecinek, Poland, Sept 30, 46; m; c 2. *Educ:* Poznan Univ, MSc, 69; Agr Univ, Poznan, PhD(biochem), 74; Inst Biochem & Biophysics, Warsaw, DrHabil, 78. *Honors & Awards:* J Parnas Award, Polish Biochem Soc, 84. *Prof Exp:* Res asst

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