

Makucell Inc, 2011-2013; pres, ARIA AESTHETICS INC, 2009-2010; pres, HISTOGEN AESTHETICS LLC, 2008-2009; vpres, Floratech Int, 2006-2008; gen mgr, Invitro Lab Technol, Adv Tissue Sci, Univ Calif, San Diego, as of 2002; dir, Biochem Cosmeceuticals Inc, beginning 2001; exec vpres, Dermtech Int, 1999-2004; asst dir clin safety & toxicol, Hill Top Res Inc, beginning 1990; mgr, Skin Care Lab, Procter & Gamble, 1988-1990; asst prof dermat, Dept Dermat, Univ Cincinnati, 1986-1988; Dermat Found res grant, 1985; postdoctoral fel, Dept Dermat, Univ Cincinnati, 1984-1986. **Memberships:** NY Acad Sci; Am Asn Immunologists; Soc Investigative Dermat; Soc Pediatr Dermat; Soc Cosmetic Chemists; Cosmetic Toiletry & Fragrance Asn. **Research Statement & Publications:** Effects of environmental toxicants on the immune cells of the skin, immunodermatotoxicology; mechanism of action of inflammatory mediators of the skin. **Mailing Address:** Aubio Life Sci, 500 N Rainbow Blvd, Suite 300, Las Vegas, NV 89107. **E-Mail:** lrhines@dermtechtintl.com

RHEINSTADTER, MAIKEL CHRISTIAN, MEMBRANE DYNAMICS. **Education:** Saarland Univ, dipl, 1997, PhD (natural sci), 2002. **Professional Experience:** ASSOC PROF, DEPT PHYSICS & ASTRON, MCMASTER UNIV, HAMILTON, 2013-; asst prof physics, Dept Physics & Astron, McMaster Univ, Hamilton, 2009-2013; asst prof physics, Dept Physics & Astron, Univ Mo, Columbia, 2006-2008; vis scientist, Inst X Ray Physics, Univ Gottingen, 2005-2006; staff scientist, Inst Laue Langevin, Grenoble, 2004-2006; postdoctoral res assoc, Inst Laue Langevin, Grenoble, 2002-2004. **Memberships:** Am Phys Soc; Biophys Soc. **Research Statement & Publications:** Dynamics of membrane embedded proteins, interactions between membrane inclusions, protein aggregation, neutron scattering, X-ray scattering, preparation of artificial membranes, development of sample environment for neutron and X-ray experiments. **Mailing Address:** Dept Physics & Astron, McMaster Univ, ABB 241, 1280 Main St W, Hamilton, ON L8S 4M1, Can. **Fax:** 905-546-1252. **E-Mail:** rheinstadter@mcmaster.ca

RHEINSTEIN, PETER HOWARD, PHARMACEUTICAL REGULATION, ADMINISTRATION OF HEALTH CARE DELIVERY. **Personal Data:** b Cleveland, Ohio, September 7, 1943; m 1969, Miriam Ruth Weissman; c Jason E. **Education:** Mich State Univ, BS, 1963, MS, 1964; Johns Hopkins Univ, MD, 1967; Univ Md, JD, 1973; Am Bd Family Pract, dipl, 1977, cert geriat med, 1996. **Professional Experience:** Pres, Acad Physicians Clin Res, Asn Clin Res Professionals, 2010-2011; Publ, Discovery Med, 2001-; clin res consult, Marnac Inc, 2001-2009; PRES, SEVERN HEALTH SOLUTIONS, 1999-; sr vpres, Med & Clin Affairs, Cell Works Inc, 1999-2004; mem bd trustees, Am Acad Pharm Physicians, 1999; dir, Med Staff, Off Health Affairs, US Food & Drug Admin, 1990-1999; pres, Drug Info Asn, 1988-1989; staff, food & drugs admin deleg, US Pharmacopeial Conv Inc, 1985-1990; dir, Off Drug Stand, U S Food & Drug Admin, 1983-1990; mem bd gov, Am Col Legal Med, 1983-1992; actg dir, Off Drugs, 1983; actg dep dir, Div Drug Advert & Labeling, US Food & Drug Admin, 1982-1983; bd dirs, Drug Info Asn, 1982-1990; pres, Zimmlerly, Rheinstein & Josen, P.A., 1975-1976; med dir, Md Manor Glen Burnie, 1975-1988; dir, Div Drug Advert & Labeling, US Food & Drug Admin, 1974-1982; adj prof forensic med, George Washington Univ, 1974-1976; mem, med dir extended care facils, CHC Corp, 1972-1976; instr, Univ Md Sch Med, 1970-1973; med resident, Baltimore, 1968-1970; med intern, US Pub Health Serv Hosp, San Francisco, 1967-1968. **Memberships:** Drug Info Asn (pres, 1984-1985, 1988-1989); fel Am Col Legal Med (treas, 1985-1988, 1990-1991); fel Am Acad Family Physicians; AMA; Am Bar Asn; Am Acad Pharma Physicians (vpres, 1999). **Research Statement & Publications:** Evaluation medical technologies determine safety; effectiveness and cost effectiveness; mechanisms technologies become professions public incorporated into medical practice. **Mailing Address:** Severn Health Solutions, 621 Holly Ridge Rd, Severna Park, MD 21146. **Fax:** 410-647-6135.

RHEINWALD, JAMES GEORGE, EPITHELIAL CELL BIOLOGY, CELL CULTURE. **Personal Data:** b Chicago, Ill, June 25, 1948; m 1968, Krystal; c Nicholas. **Education:** Univ Ill, Urbana, BS & MS, 1970; Mass Inst Technol, PhD (cell biol), 1975. **Professional Experience:** ASSOC PROF DERMAT, BRIGHAM & WOMEN HOSP, HARVARD MED SCH, HARVARD UNIV, 1994-; ASSOC PROF, DEPT DERMAT, HARVARD MED SCH, HARVARD UNIV, 1994-; vpres res & develop, Biosurface Technol Inc, Cambridge, 1990-1993; consult, Biosurface Technol Inc, 1987-1990; INSTR, BIOCHEM SCI UNDERGRAD TUTORIAL PROG, HARVARD UNIV, 1979-; from asst prof to assoc prof physiol, Dana Farber Cancer Inst, Harvard Med Sch, 1978-1991; res assoc cell biol, Mass Inst Technol, 1976-1978. **Memberships:** Soc Investigative Dermat; Am Soc Microbiol; Am Soc Investigative Path; Tissue Cult Asn; Am Soc Cell Biol. **Research Statement & Publications:** Investigating cell senescence and immortalization, wound healing, and neoplastic progression to invasiveness; understand the mechanisms that regulate growth, differentiation and malignant transformation of epithelial cells. **Mailing Address:** Dept Dermat, Brigham & Womens Hosp, 77 Ave Louis Pasteur, MS HIM 664, Boston, MA 02115-6110. **Fax:** 617-525-5571. **E-Mail:** jrheinwald@rics.bwh.harvard.edu

RHEMTULLA, AKBAR HUSSEIN, GROUP THEORY, ORDERED STRUCTURES. **Personal Data:** b Zanzibar, Tanzania, June 8, 1939; Canadian citizen; m 1967, c 3. **Education:** Univ Cambridge, PhD (math), 1967. **Professional Experience:** PROF EMER, DEPT MATH & STATIST SCI, UNIV ALTA, 2004-; staff, Univ degli Studi, Napoli, Italy, 1988; vis prof, Univ Sao Paulo, Brazil, 1982; prof math, Univ Alta, 1968-2004. **Memberships:** Am Math Soc; Can Math Soc. **Research Statement & Publications:** Author of 50 publications in algebra, mostly in group theory and ordered structures. **Mailing Address:** Dept Math & Statist Sci, Univ Alta, Off 593, 632 Cent Acad Bldg, Edmonton, AB T6G 2G1, Can. **Fax:** 780-492-6826. **E-Mail:** akbar@math.ualberta.ca

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RHEN, TURK ELEAZAR, BIOLOGY. **Education:** Univ Ndak, BS, 1991, MS, 1993; Univ Tex-Austin, PhD (zoology), 2000. **Professional Experience:** ASST PROF, DEPT BIOL, UNIV NDAK, 2003-; postdoctoral fel, NIH, 2000-2003. **Memberships:** Endocrine Soc; Soc Integrative & Comparative Biol; Soc Study Evolution. **Research Statement & Publications:** Evolution of sexual dimorphism; ontogeny of secondary sex structures and gonadal steroids in the leopard gecko. **Mailing Address:** Dept Biol, Univ Ndak, Startcher Hall, Stop 9019, 10 Cornell St, Grand Forks, ND 58202-9019. **Fax:** 701-777-2623. **E-Mail:** turk.rhen@und.nodak.edu

RHEW, ROBERT, ATMOSPHERIC SCIENCE. **Education:** Harvard Univ, BS, 1992; Australian Nat Univ, dipl, 1994; Univ Calif, San Diego, PhD (geochemistry), 2001. **Profes-**

sional Experience: Vis fac fel, Nat Ctr Atmospheric Res, 2013-2014; vis fel, Coop Inst Res Environ Sci, 2013-2014; ASSOC PROF, DEPT ENVIRON SCI, POLICY & MGT, COL NATURAL RESOURCE, UNIV CALIF, BERKELEY, 2012-; ASSOC PROF, DEPT GEOG, UNIV CALIF, BERKELEY, 2009-; asst prof, Univ Calif, Berkeley, 2003-2009; postdoctoral researcher, Univ Calif, Irvine, 2001-2003. **Memberships:** Am Geophys Union. **Research Statement & Publications:** Stratospheric ozone depletion, air quality and greenhouse gases; trace gas biogeochemistry of halocarbons, hydrocarbons and reduced sulfur compounds. **Mailing Address:** Dept Environ Sci, Policy & Mgt, Col Natural Resource, Univ Calif, 539 McCone Hall, PO Box 4740, Berkeley, CA 94720. **E-Mail:** rrhew@berkeley.edu

RHIM, JOHN SIK, VIROLOGY, MEDICAL SCIENCES. **Personal Data:** b Korea, July 24, 1930; American citizen; m 1962, Mary Margaret Lytle; c Jonathan, Christopher, Peter, Andrew, Michael & Ka. **Education:** Seoul Nat Univ, BS, 1953, MD, 1957. **Professional Experience:** PROF EMERR PROSTATE DIS RES, as of 2006; RES PROF SURG, UNIFORMED SERV UNIV HEALTH SCI, BETHESDA, 2000-; ASSOC DIR PROSTATE DIS RES, 1999-; adj prof, Georgetown Univ, Washington, DC, 1987-; sr investr, Nat Cancer Inst, beginning 1980; virologist Georgetown Univ, Washington, DC, 1978-1980; proj dir career res, Microbiol Asn Inc, 1966-1978; vis scientist arbovirus, Nat Inst Allergy & Infectious Dis, 1964-1966; res assoc infant diarrhea, Sch Med, La State Univ, Costa Rica, 1962-1964; res fel Japanese B encephalitis, Grad Sch Pub Health, Univ Pittsburgh, 1961-1962; res fel reovirus, Baylor Col Med, 1960-1961; res fel, Children's Hosp Res Found, Cincinnati, Ohio, 1958-1960; mem bd dirs, Soc Biomed Res, Rockville, MD; mem bd dirs, Winchester Sch, Silver Spring, Md. **Memberships:** AAAS; Am Asn Cancer Res; Am Asn Immunologists; Soc Exp Biol & Med; Am Soc Microbiol; AMA; Int Asn Comp Leukemia Res; Int Soc Prev Oncol; Am Soc Virol. **Research Statement & Publications:** In vitro chemical physical and viral cocarcinogenesis; immunoprevention of cancer; mechanism of carcinogenesis; isolation and characterization of oncogenes and tumor suppressor genes; prostate carcinogenesis; published over 300 articles. **Mailing Address:** Uniformed Serv Univ Health Sci, Rm 182, Bldg 567, Frederick, MD 21702. **Fax:** 301-496-8479. **E-Mail:** jrhim@cpdr.org

RHIM, WON-KYU, PHYSICS, PHYSICAL CHEMISTRY, MATERIAL SCIENCE. **Personal Data:** b Seoul, Korea, October 20, 1937; American citizen; m 1964, Jae-Ryant; c Sung-Hee, Jean, Eugene & Paul. **Education:** Seoul Nat Univ, Korea, BS, 1961, MS, 1963; Univ NC, Chapel Hill, PhD (physics), 1970. **Professional Experience:** SR RES ASSOC, CALIF INST TECHNOLOG, 2001-; vis res assoc, Calif Inst Technol, 2000-2001; from tech staff to sr scientist, JPL, 1972-2000; pres res fel, Calif Inst Technol, 1971-1972; res fel, Mass Inst Technol, 1969-1971. **Memberships:** Am Phys Soc. **Research Statement & Publications:** Investigation of solidification properties of glassforming metallic alloys; solidification phenomena of deeply undercooled liquids; thermophysical properties of refractory materials; solid state nuclear spin dynamics and spin thermodynamics. **Mailing Address:** Calif Inst Technol, Mail Stop 138 78, Pasadena, CA 91125. **Fax:** 626-395-5750. **E-Mail:** won-kyu.rhim@caltech.edu

RHINEHART, JUSTIN D, ENDOCRINOLOGY. **Education:** Univ Tenn, BS, 1999; Univ Ky, MS, 2003; WVa Univ, PhD (reproductive physiol), 2007. **Professional Experience:** AS-SOC PROF, DEPT ANIMAL SCI, INST AGR, UNIV TENN, 2016-; asst prof, Dept Animal Sci, Inst Agr, Univ Tenn, 2010-2016; asst prof, Dept Animal & Dairy Sci, Miss State Univ, 2007-2010. **Memberships:** Am Soc Animal Sci. **Research Statement & Publications:** Applied reproductive technologies in beef cattle; pregnancy loss in cattle associated with changes in steroid hormone concentrations. **Mailing Address:** Dept Animal Sci, Inst Agr, Univ Tenn, Mid Tenn Res & Educ Ctr, 1000 Main Entrance Dr, PO Box 160, Spring Hill, TN 37174. **Fax:** 931-486-0141. **E-Mail:** jrhonehart@utk.edu

RHINEHART, ROBERT RUSSELL, II, CHEMICAL PROCESS CONTROL PLASMA ETCHING, FLUIDS DYNAMICS. **Personal Data:** b Neptune, NJ, January 19, 1946; m 1967, c 2. **Education:** Univ Md, BS, 1968, MS, 1969; NC State Univ, Raleigh, PhD (chem eng), 1985. **Honors & Awards:** Schoenborn Award, Am Inst Chem Engrs, 1985. **Professional Experience:** PROF & AMOCO CHAIR, CHEM ENG, OKLA STATE UNIV, as of 2011; prof Chem Eng, Tex Tech Univ, 2002-; consult process control, Pilot Plant, NC State Univ, 1987-1988; asst prof chem eng, Tex Tech Univ, beginning 1985; proj engr coal gasification, Pilot Plant, NC State Univ, 1983-1985; teaching asst, Intro Comput Prog, NC State Univ, 1982-1985; area supvr, Celriver Plant, 1980-1982; sr engr, Fibers Mkt Co, 1973-1980; engr, Celriver Plant, 1972-1973; engr, Fibers Tech Ctr, Celanese Corp, 1969-1972; tech chmn, IND-Asn Nonwoven Indust. **Memberships:** Am Inst Chem Engrs; Instrument Soc Am; Am Soc Eng Educ. **Research Statement & Publications:** Modeling, optimization, and control of chemical processes of industrial nature; plasma etching and semiconductors. **Mailing Address:** Dept Chem Eng, Okla State Univ, 212 Cordell N, Stillwater, OK 74078. **E-Mail:** rrr@okstate.edu

RHINELANDER, JASON, MACHINE LEARNING & BIG DATA APPLICATIONS. **Education:** Mem Univ Nfld, BS, 2001, 2003; Carleton Univ, PhD (elec & comput eng), 2013. **Professional Experience:** ASST PROF, DEPT ENG, ST MARY'S UNIV, 2013-; FOUNDER & PRES, REILAND SYSTS LTD, 2013-. **Memberships:** Inst Elec & Electronics Engrs. **Research Statement & Publications:** Applying machine learning and optimization to embedded, real time system development, both in hardware and software; computer vision; signal processing; system optimization and extraction of knowledge from large data sets. **Mailing Address:** Dept Eng, St Mary's Univ, 923 Robie St, Halifax, NS B3H 3C3, Can. **E-Mail:** jason.rhineland@smu.ca

RHINES, LAURENCE D, NEUROSURGERY. **Education:** Princeton Univ, BA, 1989; Harvard Med Sch, Boston, MD, 1993; Am Bd Neurol Surg, Cert, 2005. **Professional Experience:** PROF, DEPT NEUROSURG, UNIV TEX MD ANDERSON CANCER CTR, as of 2012; ADJ PROF, DEPT NEUROSURG, BAYLOR COL MED, HOUSTON, as of 2012; as-soc prof, Dept Neurosurg, Univ Tex MD Anderson Cancer Ctr, 2006-2010; Hunterian Neuro Oncol fel, Hunterian Brain Tumor Lab, Johns Hopkins Sch, 1997-1999; asst resident, Neurol Surg, Johns Hopkins Hosp, Baltimore, 1994-1996; intern, Gen Surg, Johns Hopkins Hosp, Baltimore, 1993-1994. **Memberships:** Tex Asn Neurol Surgeons; Am Asn Neurol Surgeons; Am Asn Neurol Surgeons. **Research Statement & Publications:** Surgical treatment of sacral metastases, indications and results; generalizable class solutions for treatment planning of spinal stereotactic body radiation therapy. **Mailing Address:** Dept Neurosurg, Univ Tex MD Anderson Cancer Ctr, 1515 Holcombe Blvd, Houston, TX 77030. **E-Mail:** lrhines@mdanderson.org

RHINES, PETER BROOMELL, FLUID DYNAMICS. **Personal Data:** b Hartford, Conn, July 23, 1942; m 1968, Linda Jean Mattson; c Andrew Nelson. **Education:** Mass Inst Technol, BS & MS, 1964; Cambridge Univ, UK, PhD (appl math & theoret physics), 1967. **Professional Experience:** ADJ PROF, DEPT AEROSPACE ENG, UNIV WASH, 2008-; Queen's fel marine sci, Australia, 1988; PROF OCEANOGRAPHY & ATMOSPHERIC SCI, SCH OCEANOGRAPHY, UNIV WASH, SEATTLE, 1984-; SR FEL, JOINT INST STUDY ATMOSPHERE OCEAN, UNIV WASH, 1984-; green scholar, Inst Geophys & Planetary Physics, Univ