

Erik Lawrence Kreider

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EDUCATION

LEEDS SCHOOL OF BUSINESS, University of Colorado, Boulder.

Master of Business Administration

Boulder, CO

May 2005

- Majors in Entrepreneurship & Finance
- Member of Finance & Net Impact Clubs
- 2005 Central Region Venture Capital Investment Competition Champion and National Finalist.

STANFORD UNIVERSITY

Master of Science

Stanford, CA

March 1998

- Major in Biology, foci in Biochemistry and Immunology

STANFORD UNIVERSITY

Bachelor of Science

Stanford, CA

June 1997

- Major in Biology, foci in Biochemistry and Immunology
- Extracurricular activities: extensive pursuit of product design and manufacturing processes at Stanford University Product Realization Laboratory (product design, CAD/CAM, investment and sand casting, welding, lathe ops, etc.), Lacrosse, USMC Flight Officer Candidate and Flight Contract recipient

EXPERIENCE

ALPHASNIFFER LLC

Manager of Business Development

Boulder, CO 8/04-Present

KABANA SKIN CARE LLC

CEO and Chief Visionary

Boulder, CO 3/04-Present

UNIVERSITY OF COLORADO TECHNOLOGY TRANSFER OFFICE

Dave Drake & ULEHI Intern, Summer UCHSC Intern

Boulder, CO 1/04-8/04

THERMO-ELECTRON

Market Research Consultant – CLIA-waived Rapid Diagnostic Tests

Louisville, CO 1/04-4/04

CELLGATE INC.

CellGate was a startup seeking to commercialize a drug transporter molecule based on Arginine for cardiovascular and dermal applications

Project Manager

Sunnyvale, CA 7/01-7/03

Scientist

Sunnyvale, CA 1/99-7/01

Project Management and Business Development

- Startup operations, manufacturing and marketing precisely natural skin care and sunscreen products
- Competitive research, market strategy, customer survey, industry and contractor relationship establishment and referral
- Complete business and financial plan composition
- IND & SBIR composition and submission, NIH, DOD, DoNavy, NSF, NASA, USDA; commercialization plan specialist. Six SBIRs awarded from NASA, NSF & NIH thus far for AlphaSniffer worth over \$785,000, two phase II SBIRs currently under review.
- Managed multimillion dollar drug development toxicology program, supporting preclinical through phase III activities for psoriasis drug.
- Established and maintained relationships with physicians and FDA
- Contacted, evaluated, contracted with and managed contract research organizations.

Strategic Planning

- Market evaluation, technology application and product positioning for maximum impact.
- Optimized preclinical and toxicological study schedules so as to minimize time to drug approval.

Research and Development

- As Scientist, was co-inventor of new molecular transporters that exceeded performance of company-founding science.
- Familiar with cardiovascular science, HVAG, CABG, restenosis, Oxidative and Nitric Oxide pathways and physiology.
- Developed new bioassays for accurate and reproducible performance metrics of CellGate's molecular transporters.
- Became proficient with cell and tissue culture practices and apparatus, including Caco-2 voltage clamp gastrointestinal uptake model for which I led the program and developed assays at CellGate.
- Installed, ran and maintained many high performance laboratory instruments including automated robotic peptide synthesizers, mass and analytical HPLC systems, Fluorescently Activated Cytometry systems and triple quad mass spectrometers.

Oral and Written Presentation of Data

- Composition of AlphaSniffer's business plan, complete financial projections and cash flow management, executive summaries and annual reports on research progress and markets
- Trade show planning, booth and communications
- Presented data generated from both preclinical studies and R&D to company executives.
- Wrote a complete application for submission to FDA for an investigator sponsored IND for a novel treatment of Haemodialysis Vascular Access Grafts (HVAG) with 100uM deca-L-arginine hydrochloride. Similar application of this technology for coronary arterial bypass grafts (CABG) spun out as Lumen Therapeutics, Inc. a company currently with phase II trials ongoing.
- Facility with scientific literature and citations, composition of publication-worthy papers.

PEER REVIEWED PUBLICATIONS

1. Wender PA, **Kreider E**, Pelkey ET, Rothbard J, Vandeusen CL. Dendrimeric molecular transporters: synthesis and evaluation of tunable polyguanidino dendrimers that facilitate cellular uptake. *Org. Lett.* 2005 Oct 27;7(22):4815-8.
2. Wender PA, Rothbard JB, Jessop TC, **Kreider EL**, Wylie BL. Oligocarbamate molecular transporters: design, synthesis, and biological evaluation of a new class of transporters for drug delivery. *J Am Chem Soc.* 2002 Nov 13;124(45):13382-3.
3. Rothbard JB, **Kreider E**, VanDeusen CL, Wright L, Wylie BL, Wender PA. Arginine-rich molecular transporters for drug delivery: role of backbone spacing in cellular uptake. *J Med Chem.* 2002 Aug 15;45(17):3612-8.
4. Rothbard JB, Garlington S, Lin Q, Kirschberg T, **Kreider E**, McGrane PL, Wender PA, Khavari PA. Conjugation of arginine oligomers to cyclosporine A facilitates topical delivery and inhibition of inflammation. *Nat Med.* 2000 Nov;6(11):1253-7.

CHAPTERS IN TEXT BOOKS

1. Rothbard, JB, **Kreider E**, Pattabiraman K, Pelkey ET, VanDeusen CL, Wright L, Wylie BL, Wender PA. Arginine Rich Molecular Transporters for Drugs: The Role of Backbone and Side Chain Variations on Cellular Uptake. Cell Penetrating Peptides: Processes and Applications. Edited by Ulo Langel, CRC Press, 2002.

PENDING PATENTS

1. Rothbard JB, McGrane PL, Engleman EG, Fathman CG, **Kreider E**. "Compositions and methods for treating diseases" 2005 0192210 A1 September 1, 2005.
2. Wender PA, Rothbard JB, Wright L, **Kreider E**, VanDeusen CJ. "Transporters comprising spaced arginine moieties" 2003 0032593 A1 February 13, 2003.

TRADEMARKS

1. Green Screen®: Sunscreen preparations – Kabana Skin Care LLC – www.kabanaskincare.com
2. ASTROLUBE®: Water-based personal lubricants and entertainment in the nature of wrestling – ASTROLUBE LLC – www.astrolube.com

ADDITIONAL INFORMATION

- **Member, New York Academy of Sciences**
- I enjoy reading science and attending conferences as these activities ignite my creative impulses and unify my interests in disparate disciplines. One of my greatest strengths is seeing connections between what many scientists view as unrelated. Ask me about the electronic dependency of transmembrane polyarginine transport.
- **Interests:** Mountain sports; flying gliders as a private pilot; designing, building and creating artwork in oil paint and Prismacolor pencil and investment casting with various precious metals.