DAVID J. FISCHER

EDUCATION

1993 –Present The Institute of Optics, U of R Rochester, NY

Ph. D. Optics

- Thesis: "Custom gradient-index polymers and their use in progressive addition lenses"

1989 –1993 Rose-Hulman Inst. of Tech. Terre Haute, IN

B. S. Applied Optics

- Graduated Summa Cum Laude

PROFESSIONAL EXPERIENCE

April 1998 – Present Chapman Instruments Rochester, NY

Consultant (Part Time)

- Testing and data analysis for Chapman Instruments.
- Continued modeling and simulating aspects of MP2000+ system performance.

June 1997 – Feb. 1998 Chapman Instruments Rochester, NY

Optical Engineer (Full Time)

- Modeled and tested aspects of MP2000+ interferometer to analyze system performance.
- Performed measurements and data analysis for customers.

TECHNICAL SKILLS

- Interferometer Design and Construction
- Polymer Fabrication Experience
- Developed Ray-Tracing Program for Ophthalmic Lens Ray-Tracing
- Experience with Optical Design Programs CODE V and ASAP

PUBLICATIONS

D. J. Fischer, C. J. Harkrider, D. T. Moore, "Design and Manufacture of a Gradient-Index Axicon," forthcoming.

J. L. Rouke, M. K. Crawford, D. J. Fischer *et al.*, "Design of three-element night-vision goggle objectives," Applied Optics **37** (4), 622-6 (1998).

LANGUAGES

Functional knowledge of Russian

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PLEASE EMAIL FOR CONTACT INFORMATION