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2015 Robert L. Patrick Fellowship Awarded to Chuck Extrand, Director of Research at CPC-Colder Product Company

St. Paul, Minnesota – February 26, 2016 – [CPC \(Colder Products Company\)](#), the leading provider of quick disconnect couplings and fittings for plastic tubing, announces that Chuck Extrand, director of research, was named the recipient of the Robert L. Patrick Fellowship at the Adhesion Society's Annual Meeting held February 21 – 24, 2016. Extrand received the fellowship in recognition of his extensive contributions to wetting, adhesion science and the Society.

"I sincerely appreciate being selected for this award and the impact the Adhesion Society has had on my development and my customers," said Extrand. "The ability to learn from and discuss findings with fellow adhesion scientists is invaluable."

Adhesion plays an important in the manufacturing, assembly and performance of CPC's couplings, connectors and fittings. Strong adhesion between components is critical in creating fluid handling systems that operate at peak performance.

Established in 1991, the Adhesion Society Fellowship Program was inspired by Robert Patrick's commitment to both the science and technology of adhesion and his dedication to the Society's multidisciplinary forum for discussing adhesion topics. The fellowship distinguishes members who have provided outstanding contributions to the field of adhesion, including broad and productive research and/or teaching, other noticeable achievements in adhesion or service to the adhesion community, over a sustained period.

A few examples of Extrand's work include:

- "Uncertainty in Contact Angle Estimates from a Wilhelmy Tensiometer," *Journal of Adhesion Science and Technology* 29, 2515-2520 (2015);
- "Forces, Pressures and Energies Associated with Liquid Rising in Nonuniform Capillary Tubes", *Journal of Colloid and Interface Science* 450, 135-140 (2015); and

- “Repellency of the Lotus Leaf: Contact Angels, Drop Retention, and Sliding Angels”, with Sung In Moon, Langmuir 30, 8791 (2014).

Extrand was also recently selected to receive a 2015 Dover Growth and Innovation Award. This award annually recognizes employees across all of Dover who make outstanding contributions that impact its business and customers in very positive ways. Dover is a diversified, multi-billion dollar global company which operates businesses in four segments: Energy, Engineered Systems, Fluids, and Refrigeration & Food Equipment. CPC is part of Dover's Fluids Segment.

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About CPC

CPC (Colder Products Company) is the leading provider of quick disconnect couplings, fittings and connectors for the life sciences, bioprocessing, industrial and chemical handling markets. CPC is a business unit of Downers Grove, IL based Dover Corporation. For a free catalog or more information, contact: Colder Products Company, 1001 Westgate Drive, St. Paul, MN 55114. Phone: 651-645-0091. Toll-free: 800-444-2474. Fax: 651-645-5404. Web: cpcworldwide.com

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