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PROFILE

Forty five years Blue Sky, Packaging Development, Packaging Innovation, Packaging Engineering and Quality Assurance experience. Fully conversant with all packaging related processes from raw materials until landfill. In my last position at Mondelez International, I was global digital technologies platform lead along with subject matter expert for fibers, of which flexible papers. Passion and hungry for innovation, newness and latest technologies. Technical strengths with analytical and scientific approach. Short and long-term provider, strategic, market research and trend analysing. Explore within own environment, at competitors, cross industry and where possible apply biomimetics. Eager to be a leader, being first and try not to follow. Strong personality with many skills. Team player and with ability to make decisions and takes responsibility. Creative and innovative and constantly looking for new challenges and opportunities. Mentor and keen to motivate students, colleagues and developers.

CAREER HISTORY

Mondelez International (formerly CADBURY, Kraft Foods) started Jan 2008 until mid July 2022

Principal Scientist

5 1/2 years

Worked at Mondelez International R&D Central Packaging, Consumer Experience Design & Technology. Created and leading the digital technologies platform, global and cross category, covering digital printing, digital cutting & finishes, augmented reality, virtual reality, QR codes, NFC, printed electronics, and any other associated technologies. Although a mass market producer and biggest confectioner, implemented all over the world digital printing activations. Known in and outside the industry as a digital technology promotor.

Subject matter expert for fibers. Developed and established high barrier flexible papers, cold seal and heat seal flow wrap and bagging. Working with the best paper mills, raw materials suppliers, and last but not least various start-up companies.

Development and delivery of a future pipeline of enabling technologies using internal resources within the team and leveraging external partnerships with top level industry expert networks, suppliers, and OEMs. Known within the company as the innovator for many platforms and technologies.

Also key to the role is the coaching, mentoring and development throughout the organisation.

Senior Associate Principal Scientist

3 years

Working in the Core Technology team, Cross Category and Global at RD&Q Global Packaging MDLZ. Looking for mid and long term innovations, packaging related and process. Passion for packaging in any industry and hungry for newness.

Mondelēz Core Technology is introducing and working on game changing innovations and technologies. Projects are cross category, for Chocolate, Biscuits, and Gum & Candy. The footprint is global within the entire organization, all regions included. The innovations are top notch and are included in the long term strategy once proof of principle is set.

I have been leading the digital printing core technology project for the entire company, global and cross category. Not only the conventional digital printing at converters, 3rd party and co-packers, but as well digital inkjet printing and a game changing technology in development.

I am known and appreciated as the top innovator within the company, distributing a weekly NewsFeed on the latest. I am also the ambassador and contact for nearly all Universities for global packaging MDLZ.

Upstream Packaging Design

2 1/2 years

Working in the Global Chocolate Category as "Innovator" or Upstream Packaging Design, introducing and developing new technologies, new materials, and new packaging. Innovating for all chocolate platforms, for the global team and for all regions around the entire world.

Packaging Innovation

2 years

Due to an excellent performance and personal achievements (see below) Cadbury offered a permanent contract from July 2009 onwards. Joining the Science & Technology Packaging Design team, based in Bournville. Responsible for innovations and constructional designs for Cadbury's main flagship brands in Moulded Chocolates and Beverages. Additional innovations in materials, technologies and processes, related to packaging and product.

Cadbury was bought by Kraft Foods February 2010 and the function changed from packaging design specialist at Cadbury global into packaging innovation at Kraft Foods global chocolate.

Technical Manager

1 year

Contracted for 12 months and designated to specific projects. As a Technical (Packaging) Manager working on various special packaging related projects. Being responsible for technical support within various project teams.

Challenging timelines, specifications, operational standards, and contributing towards best practice performance. Being a key member from the packaging function, develop packaging solutions within internal and external partners and suppliers. Initiate innovation and provoke savings. Support equipment design and configuration and ensure solutions are feasible throughout the supply chain. Provide comprehensive technical support and pro-activity manages risk and stakeholders.

In a short period a remarkable amount of savings achieved, including two patent applications and many other innovations. In contact and liaise with marketing, sales, customers, engineering, manufacturing, production, warehousing, distribution, packaging suppliers, machine manufactures, etc. Responsible for packaging related topics for as well inbound and outbound between UK and Eastern Europe and support worldwide.

Packaging Technologist

6 months

Contracted for 6 months and dedicated to a specific project. Due to the drive and innovation, this project was introduced to the business within 3 months and worked on other specific projects as Technical Manager.

COSi October 2005 –November 2007 (COSi went in receivership)

Packaging Development and Innovation Manager

COSI, Creative Outsourcing Solutions International Ltd, had factories in Littlehampton and Maesteg, and offices in Paris, Florence, NYC, Dallas and Shanghai. COSi was a worldwide full service supplier for all kind of products in Personal Care: Colorcosmetics, Skin Care, Bath & Body, Performance Body, Hair Care, Sun Care, Fragrance, Spa, etc. The customers were worldwide based and cover as well the premium brands as retail and private label. COSi went in receivership early November 2007. Senior management level in R&D and reporting direct into the R&D Director. Contribution of innovation, development and strategy in Product Steering Committee, Innovators Team, Renaissance Team, 3 Year Commercial Strategy Team.

Key responsibilities:

- All aspects of people management for the packaging R&D team
- Organize, prioritize and best utilize all resources available to the personal care team
- First contact to the customer for briefs and packaging development
- Timely completion of developments to customer briefs
- Generate critical paths, risk analysis and preliminary costs

- Management of COSi packaging for presentations and exhibitions
- Ownership of packaging test protocols
- Blue sky packaging development
- Initiate and organize packaging innovation brainstorming
- Organize packaging trend presentations for the customers
- Close liaison with sales, product marketing, NPD and operations
- Develop world class project management skills within team
- Intimate knowledge of latest materials, technologies, and processes available for product development
- Intimate knowledge of plant processes
- Advise COSi groups on relevant industry, regulatory, environmental and competitor issues and policies
- Represent COSi at various external bodies
- Develop a continuous improvement culture within the personal care team
- Contact and visit suppliers, institutes and universities worldwide

MARKS & SPENCER

June 2002 – October 2005

Packaging Technologist

Marks & Spencer, based in the headquarters of Waterside, Paddington London. Packaging Technologist, management level, for all Beauty products, such as toiletries, colour cosmetics, skin care, fragrance, sun care, hair care, bags, accessories, and gifts. Coordinate and manage packaging development with over 30 different third parties in the UK and Far East and communicate with over 150 packaging suppliers worldwide. Achieved approx. £500K savings in 2004, or in the latest 4 months £100K. Initiated preferred packaging supplier list where savings are made in origination cost, tools and rebates on quantities. Since shortly responsible for packaging development in the Clothing area, such as Bra's and Hosiery with mean purpose savings. Publishes Packaging Technology Alert to the whole M&S business (Clothing, Home, Foods, etc.) on a two weekly base, including newness on packaging sources, technology, processes, materials and economical aspects related to packaging.

Main duties and responsibilities:

Product development:

- Monitor the marketplace for packaging to identify new materials, packaging trends, technologies, processes and machinery. Benchmark our product for packaging on the UK high street and internationally. Use this information to keep BU colleagues informed of commercial opportunities and drive improvements and new technologies with our Supply partners.
- Influence the choice of packaging for beauty ranges to ensure we achieve optimum mix of design, functionality, quality and cost.
- As part of our new buying procedures ensure completion of packaging elements of the buyer's brief, supplier product briefing spec, risk analysis and the technical brief.

- Maintain ownership of contract.com and action Contract Seal submission procedures for packaging technology elements of the product development process. Sign off packaging technology elements of the contract seal.
- Analyse Packaging Costs, Origination Costs, MOQ's, etc in order to recommend and drive performance and cost improvements in the packaging we use.
- Give technical and line management support to the print co-coordinator.
- Manage budget of packaging department.

Supplier management:

- Monitor the marketplace; continually identify new suppliers and sourcing routes to provide new measurable competitive opportunities.
- Maintain an overview of all FSS supplier performance to drive measurable improvements.
- Maintain Ownership of a preferred packaging supplier list for reference.
- Continually analyse Package Spend and Tool Costs to drive efficiency and savings.
- Keep contact with official tests labs and institutes, such as Ceram, ITS, BSI, IOP, RAM, SGS, RAPRA, etc.

Quality management and CSR:

- Continue to drive Beauty quality performance indicators through proactive management with our supply base.
- Provide technical expertise in resolving quality problems and customer complaints to ensure the best possible commercial outcome.
- Keep abreast of the all legal and environmental requirements for packaging and work with our supply base to ensure M&S beauty product complies fully.
- Manage supply base audit programme for ETI/GSP, ensuring M&S beauty packaging is compliant and all risks are managed.
- Maintain ownership for updating packaging technology elements of the Quality Standard WebPages.
- Manage the business environmental codes and policies for beauty packaging in respect to materials such as PVC, Fluorocarbons etc.
- Identify and manage the implementation of new test protocols and guidelines for packaging with our supply base.
- Manage How Are We Doing (HAWD) surveys and analyse customer/store feedback to gain knowledge of customer requirements for product innovation and development including RTM's & customer complaints.

COTY Inc February

2000 –June 2002

Senior Packaging Technologist

Coty Manufacturing UK based in Ashford Kent. Develop Lipstick packaging, primary, secondary and outer packaging for brands as Lancaster, Rimmel, Astor, Jil Sander, Manifesto Isabella Rossellini and Miss Sporty. Main responsibility is managing the packaging development for the Moulding (lipstick) Mini Plant in Ashford. Reporting to the Technical Packaging Development Director. Responsible for technical

development of lipstick mechanisms in innovational materials and create together with marketing the concept and design.

Main duties and responsibilities:

- Daily contact and assist marketing in Wimbledon, Mainz Germany, New York and Paris, assist with the component design and concepts
- Set up targets and component production tools and machines with packaging suppliers all over the world
- Development and maintenance of prestige and high volume lipsticks with a total volume of approx. 60 million lipsticks a year
- Responsible for component and finished goods specifications, set standard and range boards and initiate technical training for all levels
- Ensure deadlines of developments are met
- Innovation skills and ensure cost reductions
- Responsibility and supervision of one assistant Packaging Technologist
- Advise and assist Mini Plant Manager, Engineering and Process Engineer in terms of processing and manufacturing parameters

CAMPINA MELKUNIE Group

December 1998 – February 2000

Clusterleader Packaging DD&S

Develop packaging components for Dairy Drinks and Specialties for the plants in Aalter and Sleidinge in Belgium and Rijkevoort, Oud Gastel and Bergeijk in Holland. Main tasks are packaging development, start-up of Package Test Lab, Bill of Materials and Packaging Specification System, standardization and pursue cost savings on a large scale. Reporting to the R&D Director.

The main duties involved:

- Responsible for the development of the packaging of all dairy drinks within the group and for the European Market.
- Develop high tech packaging, dual function, intelligence packaging, biodegradable materials, barrier properties, scavengers, etc.
- Investigate and set up complete packaging lines from filling machines to palletisation for new concepts and products.
- Responsibility and supervision of two assistants.

NESTLE Group

October '96 – November '98

Packaging Development Manager

Refrifood, Nestlé Group. Developing products and packaging components which reflect the corporate requirement of quality and cost. Working closely with Marketing, Design, Product Development, Purchasing, Planning, Technical and Manufacturing departments in Belgium. Packaging and Technical contacts with Nestlé factories in Germany, France, Holland, Italy and Switzerland. Reporting to the R&D Manager.

The main duties involved:

- Being responsible for the development of the packaging of all chilled food products.
- Developing and maintaining outlines, packaging specifications, package test procedures, manufacturing instructions, standards.
- Ensuring that all packaging is compatible with the product, the manufacturing and does meet the distribution requirements.
- Being familiar with the processes required to manufacture packaging and understand the capabilities of all component suppliers.
- Working under own direction and no direct supervision, and high degree of decision taking.
- Continuous daily discussion and negotiation with supplier senior management all over Europe.
- Responsibility and supervision of one assistant.

ESTEE LAUDER Group

November '78 –October '96

Packaging Development Engineer

4 years

- Daily contacts with Packaging and Marketing in New York and England and all local departments involved.
- Development and maintenance of high qualified cosmetic packaging such like fragrances, creams, lotions, make-ups, lipsticks, etc. in all kind of packaging.
- Responsible for the worldwide brands Clinique, Origins and Prescriptives.
- Ensure deadlines of developments are met.
- Innovation skills and ensure cost reductions.
- Responsibility and supervision of two assistants.

QA Coordinator and Certification Auditor

3 years

- Machine capability studies at Estee Lauder factories in Belgium, England, Switzerland, and for a few weeks in Egypt.
- Warehouse inspections in Belgium, Netherlands, Germany and Switzerland.
- Certification audits at nearly all European component/package suppliers of all different commodities.
- System audit at QA Incoming Goods Belgium, England and Switzerland.
- Start-up productions, machine capabilities of nearly all commodities at nearly all our component suppliers.
- Technical assistance at component supplier's subcontractors such as decorators, siverplaters, paper manufactures, metalizers, assemblers, laminators, etc.

Supervisor QA Incoming Goods

4 years

- Implemented and started Incoming Goods Package Test Lab.
- Tested and installed colour measurement device ACS Sensor 5.
- Responsibility and supervision of seven QA Incoming Goods inspectors.

Laboratory Technician Treatment Products 3 years

- Laboratory Technician in Whitman Laboratories, Petersfield, England. 4 months
- Microbiologist (temporary) 3 months

Supervisor Quality Inspection Assembly 4 years

Responsibility and supervision of 3 QA line inspectors.

EDUCATION

- Master Total Quality Control (MsC) – Diepenbeek Belgium.
- Time Management, Teambuilding and many other courses, seminars and symposiums in regard of Management, Efficiency, etc.
- Many seminars, lectures and educational courses about Quality Control, Certification, Auditing (ISO and ETI), Colorimetry, Viscosimetry, Chromatography HPLC, and last but not least Packaging. Training in all kind of packaging materials. Contributed to the DTI Biomimetics Missions January 2007 and wrote various articles about it.
- Trained in inventive problem solving tool TRIZ and implementing it in a positive way.
- Basic educational background Chemist – Antwerp Belgium.
- Studied in between meteorology, navigation and many other packaging and astronomy related topics.
- Finished in 2015 the long distance learning module Solar Physics at the UCLan as associate student.

PERSONNEL DETAILS

Date of Birth: 18 March 1958

Status: Widower (British spouse passed away July 2020)

Nationality: British naturalised, dual Belgian

OTHER INFORMATION

Worked in between for very short periods with suppliers and on specific projects such as quality handbook, factory audit rating protocol and market research for innovative proposals.

See my profile with various recommendations or endorsements from old colleagues and various industries on following WebPages:

<http://www.linkedin.com/in/patrickpoitevin>

Software experience, AS400, SAP, Microsoft Excel, Word, Power Point, Microsoft Project, Access, Lotus 123, Paintbrush, GIF, JPG, CorelDraw, Paint Shop, Acrobat Adobe, Publisher, and E-mail. Computer skills without courses or specific individual training just with self-exploring and self-training. Familiar with Adobe Illustrator and PhotoShop.

Communicative contacts verbal and by writing with nearly all type of customers, mass, masstege and premium, Packaging Suppliers in all commodities in Europe,

Americas and Asia. Knowledge of Flemish/Dutch, English, French, German, and some notice of Spanish.

Positive and optimistic attitude from nature. Open for new and different work methods and procedures. Wide horizon. Disruptive and fearless innovation. Working with raw material suppliers, machine engine suppliers and ink suppliers.

In good relation with plenty packaging institutes and organisations. Subscriber of many professional magazines such as Materials World, Plastic & Rubber, New Scientist, Converting, and many international Packaging Magazines.

Have been judging for StarPack Awards, UK Packaging Awards, Student Awards, UK Digital Print and Label Awards, and Sustainability Awards. Have been in contact with the majority of Universities related to packaging. Organising assessments, recruiting and researches. Expanding University contacts ongoing. External mentor for UK University students.

Holder of various patents in packaging. Yearly 2 to 3 external talks at international conferences (invited and sponsored), along with panel contributions.

Organizer of International Solar Eclipse Conferences, exhibitions, lectures, symposia on astronomy and more specific Solar Eclipses. Worldwide coordinator and traveller on Solar Eclipses. Founder of the Solar Eclipse Mailing List and the monthly Solar Eclipse Newsletter and was co-editor of NASA's Solar Eclipse Website. So far observed nearly 50 solar eclipses and more than 5 Transits.

Wrote a weekly column in the local newspaper on astronomical events. Tweet, post and blog on astronomical events and observations. See webpages and blog www.patrickpoitevin.weebly.com

Founder of the UK charity Scopes4SEN where telescopes and educational material is donated to schools and institutes for children with educational needs, vulnerable people and those who cannot afford to watch the Moon, the planets and the stars. Since 2016 donated over 1500 telescopes and educational material all over UK. See webpages <https://patrickpoitevin.weebly.com/scopes4sen.html> . Obtained registered charity status since.

Been training for the London Marathon, to be held in October 2022, along with Mister Bingley, English Springer Spaniel. After 6 months, raised about £3000. All in aid of Macmillan Cancer Support and in memory of my late wife Jo. See www.justgiving.com/Race4Jo