



# Dow Chemical Korea Campus Recruiting

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from the intersection of chemical, physical and biological sciences to help address many of the world's most challenging problems such as the need for clean water, clean energy generation and conservation, and increasing agricultural productivity. Dow's integrated, market-driven, industry-leading portfolio of specialty chemical, advanced materials, agrosiences and plastics businesses delivers a broad range of technology-based products and solutions to customers in approximately 180 countries and in high growth sectors such as packaging, electronics, water, coatings and agriculture. In 2013, Dow had annual sales of more than \$57 billion and employed approximately 53,000 people worldwide. The Company's more than 6,000 products are manufactured at 201 sites in 36 countries across the globe. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. More information about Dow can be found at [www.dow.com](http://www.dow.com).

## 1. Associate Chemist (Lead Chemist) - Display Technology OLED Synthesis R&D (Job Number: 1407878 )

The Dow Chemical Company has an exciting and challenging opportunity for a R&D Chemist (or Lead Chemist) in our Display Technology (DT) OLED Synthesis R&D group in Dow Seoul Technology Center (DSTC), Korea. The DT OLED synthesis R&D group in DSTC is a part of the global Dow Electronic Materials (EM) R&D organization that is a world leading supplier of electronic materials innovation. DT OLED Synthesis R&D in DSTC closely collaborates with the world leading customers to succeed together in both existing and emerging markets.

### Key Roles & Responsibilities

- **Department** : Display Technology OLED Synthesis R&D
- Responsible for synthesis of OLED materials.

	<ul style="list-style-type: none"> <li>• Must have a strong knowledge in organic chemistry.</li> <li>• Quick learner for the new chemical reaction</li> <li>• Resolve technology challenges through focused scientific methodology, multidisciplinary approach and innovative thinking.</li> <li>• Create and secure intellectual property for Dow.</li> <li>• Participation in industry and technical conferences.</li> </ul>
Qualification	<ul style="list-style-type: none"> <li>• Candidates who graduated with Ph.D or Master Degree after August 2014, or will graduate in August 2015 but can work full-time once job is offered (May or June).</li> <li>• Should hold Master Degree or Ph.D. in organic chemistry.</li> <li>• Verbal and written communication skills including technical writing and presenting in English.</li> <li>• Effective in team interactions with willingness to learn from peers.</li> <li>• Intermediate-level English in Speaking and Writing.</li> </ul> <p><b>The following additional skills and experiences are desired:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of analytical technologies</li> <li>• Design of experiments</li> <li>• Statistical data analysis</li> </ul>
Location	Giheung, Gyeonggi-do, Korea

## 2. Lead Engineer (#1407883)

Key Roles & Responsibilities	<ul style="list-style-type: none"> <li>• <b>Department</b> : Display Technology OLED Device R&amp;D</li> <li>• Analysis and Proposition of Device data from understanding display material, OLED</li> <li>• The device performance optimization that we use our materials and various device structures</li> <li>• Analysis of CV, PL data for device results</li> <li>• Resolve technology challenges through focused scientific methodology, multidisciplinary approach and innovative thinking.</li> <li>• Create and secure intellectual property for Dow.</li> <li>• Participation in industry and technical conferences.</li> </ul>
Qualification	<ul style="list-style-type: none"> <li>• Candidates who graduated with Ph.D or Master Degree after August 2014, or will graduate in August 2015 but can work full-time once job is offered (May or June).</li> <li>• Should hold Master Degree or Ph.D. in organic chemistry.</li> <li>• English proficiency especially in speaking and writing</li> <li>• Good interpersonal skills</li> <li>• Enthusiastic about learning professional skills from other colleagues.</li> </ul>
Location	Giheung, Gyeonggi-do, Korea

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### 3. Lead Analyst (#1407893)

Analysis Team of Semiconductor Technology business is responsible to improve analytical technology to support new electronic material development and scale-up. The successful candidate will be responsible for analytical research using NMR, GPC, LC/MS and GC/MS etc. He or She will collaborate with colleagues from a global and diverse organization, across multiple functions (R&D, Quality Engineering, and Manufacturing).

<b>Key Roles &amp; Responsibilities</b>	<ul style="list-style-type: none"><li>• Conduct analytical experiments to develop new analytical methods</li><li>• Collaboration with multifunctional teams to support quality and manufacturing issue</li><li>• Collaboration with other analytical groups in the US and China</li><li>• Communicate research activities with other teams including global organization through presentations at both informal meetings and international conferences and internal reports.</li></ul>
<b>Qualification</b>	<ul style="list-style-type: none"><li>• Candidates who graduated with Ph.D or Master Degree after August 2014, or will graduate in August 2015 but can work full-time once job is offered (May or June).</li><li>• Should hold Ph.D or Master degree in chemistry</li><li>• NMR expert is preferred</li><li>• Good verbal and written communication skills including technical writing, presenting, conference with global team in English</li></ul>
<b>Location</b>	Giheung, Gyeonggi-do, Korea

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### 4. Associate Chemist (Lead Chemist) - Semiconductor Technology Micro Litho R&D (#1408252)

The Dow Chemical Company has an exciting and challenging opportunity for a R&D Chemist/Engineer (or R&D associate Chemist/Engineer) in our Semiconductor Technology (ST) Micro Lithography R&D group in Dow Seoul Technology Center (DSTC), Korea. The ST Micro Lithography R&D group in DSTC is a part of the global Dow Electronic Materials (EM) R&D organization that is a world leading supplier of electronic materials innovation. ST Micro Litho R&D in DSTC closely collaborates with the world leading customers to succeed together in both existing and emerging markets.

<b>Key Roles &amp; Responsibilities</b>	<ul style="list-style-type: none"><li>• <b>Department</b> : Semiconductor Technology Micro Litho R&amp;D</li><li>• Apply expertise in polymer synthesis, polymer chemistry, polymer science &amp; engineering, or materials science &amp; engineering to develop ST lithography materials and formulation.</li><li>• Apply methodologies, measurement and modeling tools to simulate, characterize, and optimize material functions.</li><li>• Resolve technology challenges through focused scientific methodology, multidisciplinary approach and innovative thinking.</li><li>• Create and secure intellectual property for Dow.</li><li>• Participation in industry and technical conferences.</li></ul>
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<b>Qualification</b>	<ul style="list-style-type: none"> <li>• Candidates who graduated with Ph.D or Master Degree after August 2014, or will graduate in August 2015 but can work full-time once job is offered (May or June).</li> <li>• Should hold Master Degree or Ph.D. (or post-doc) in polymer chemistry, polymer science &amp; engineering, chemical engineering, or materials science &amp; engineering with no industry experience</li> <li>• English proficiency especially in speaking and writing</li> <li>• Good interpersonal skills</li> <li>• Enthusiastic about learning professional skills from other colleagues.</li> </ul> <p><b>The following additional skills and experiences are desired:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of analytical technologies</li> <li>• Design of experiments</li> <li>• Statistical data analysis</li> <li>• Micro Office software Power user</li> </ul>
<b>Location</b>	Giheung, Gyeonggi-do, Korea

## Hiring Process

서류전형 > 면접전형 > 최종합격

## How to Apply

Go to Careers At Dow (<http://www.dow.com/careers/>)

- Click "Explore Available Job Opportunities"
  - Click "Asia Pacific"
  - Enter the Job Number: Associate Chemist (#1407878), Lead Engineer (#1407883), Lead Analyst (#1407893), Associate Chemist (#1408252)
  - Confirm the location and click "Apply" tab
  - Make sure to fill out every application step online. **Fill out Dow Resume form (attached Word file) and attach it on "file attachment" section.**
  - Candidates who did not fill out the Dow Resume form will be excluded from candidate pool.
- Submission Due: **April 9<sup>th</sup>, 2015**
  - Contact at [jpyo@dow.com](mailto:jpyo@dow.com) if you have any queries about the positions but the resumes cannot be submitted via email.
  - Please be noted that only the selected applicants who will be contacted via email or phone for possible interviews.