

D CITY PRODUCT

AN EXHIBITION ABOUT THE ANIMATION STUDIO IN DÚN LAOGHAIRE c1985-1991

21 MAR - 30 MAY 2019



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In the late 1980s, American animation company Emerald City Productions was set up from scratch in Dún Laoghaire, adjacent to the DART station, and under what was then Restaurant na Mara.

Partially funded by a grant by the IDA, with the intention of creating jobs during a period of high unemployment, Ireland saw animation studios springing up in Ireland. In 1985 Emerald City Productions was established in Dún Laoghaire and in 1986, Sullivan Bluth set up opposite Phoenix Park on Park Gate Street. In 1989 Murakami Wolf was set up in Montague St in Dublin city.

Canadian directors Al Guest and Jean Mathieson, working with US distributor D.L. Taffner, created a fully-serviced animation company here in Dún Laoghaire, recruiting fifty people from all walks of life.

The advertisement that changed many people's lives was a small square display ad published in the Evening Press. It read:

CAN YOU DRAW?

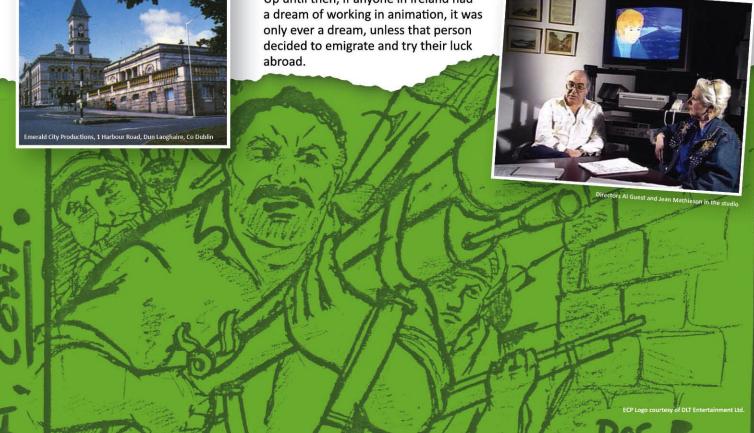
Wanted by American Company-Trainees as: ANIMATORS LAYOUT ARTISTS BACKGROUND ARTISTS INKERS PAINTERS

Phone Emerald City Productions 804044 for

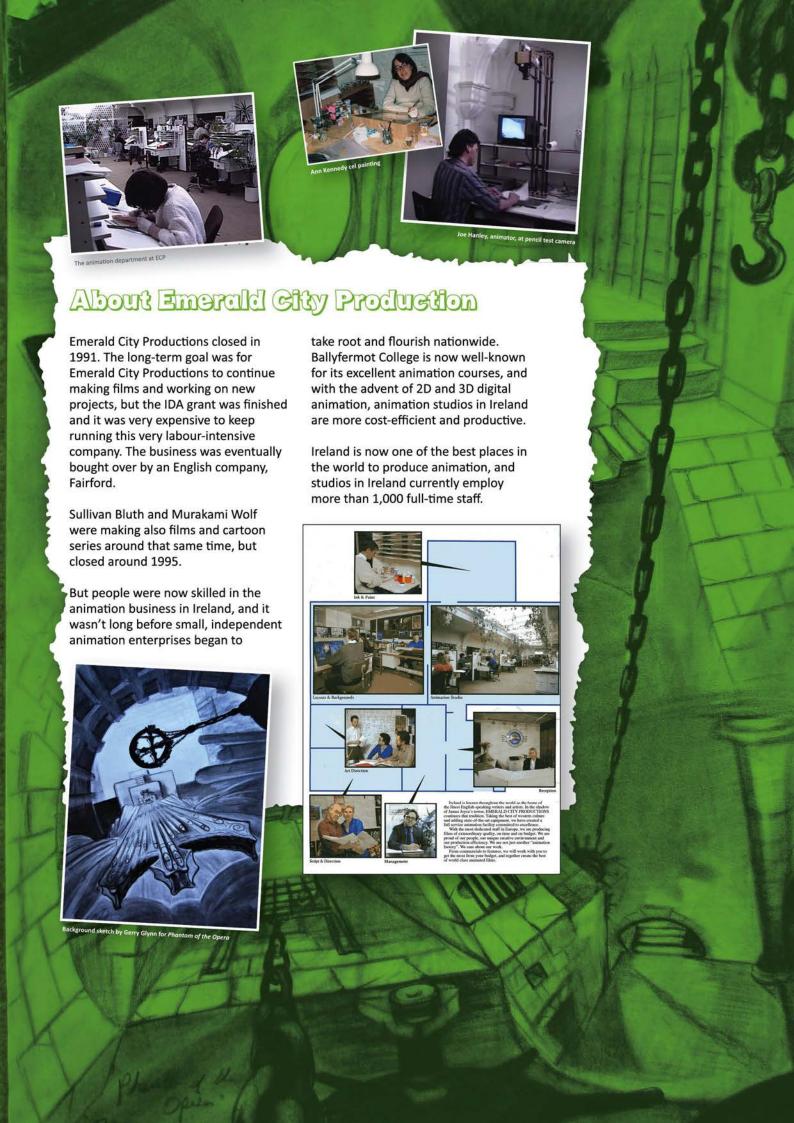
Up until then, if anyone in Ireland had

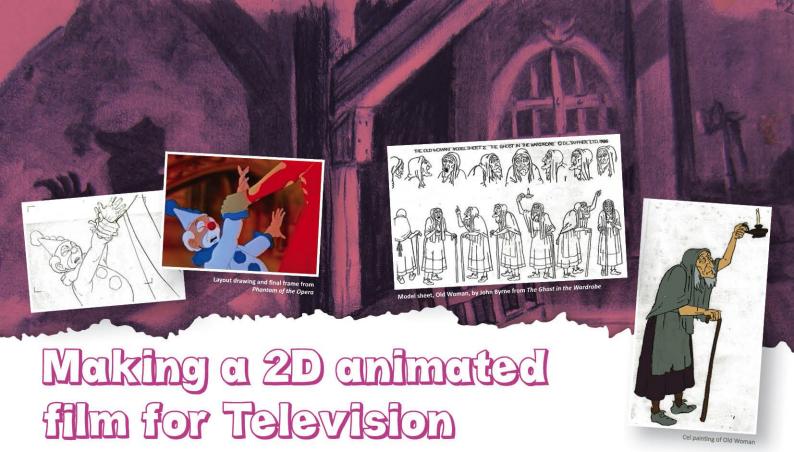
But now dreams could be realised at home! Al and Jean didn't care if you had a degree in art or not; all that mattered was that you could draw or paint. These were exciting times; nothing like this had ever been done before on such a scale. On-the-job training was given by Al and Jean and people were quickly upskilled.

For the most part, cel painters, editors and camera operators were also trained on-the-job in Emerald City Productions. Just two people were previously involved in the animation industry: Ann Kennedy, who had worked on Watership Down in England, and Jozef Romanowski, who worked as an animation camera operator in Romania.









General Notes

In film, there are 24 frames to every second. In 2D hand-drawn animated **movies**, characters are drawn for every single frame (24 drawings per second), whereas in hand-drawn animation for **TV**, characters are drawn every second frame (12 drawings per second).

This set of panels provide a glossary of the terminology used in animation.

Script

As in live action, a full screenplay is written of the story, which includes locations, camera instructions, and dialogue of all the characters.

Voice Actors

Actors are hired to record the dialogue for the various characters. In Emerald City, this was usually done in a Dublin studio with recording engineers. For all of ECP's films, our directors hired Irish

actors from stage and screen. The dialogue is then given to the editors, who write out the words for a scene on exposure/breakdown/dope sheets. This shows exactly how long the dialogue lasts, and ensures the animator can correctly sync speech with animated mouth movements.

Storyboard

A storyboard is a series of drawings in small panels displaying the film in the sequence of its scenes and action. In many cases it is pinned up on a wall so the production team can previsualise the unfolding series of events. In Emerald City Productions, as there were so many scenes in a 50-minute film, just sections of the storyboard containing the current work in progress were pinned up. This broad point of view also gave the production team the opportunity to see how well – or not – chosen images representing different scene setups worked together.

Concept Art, Character Design and Layout

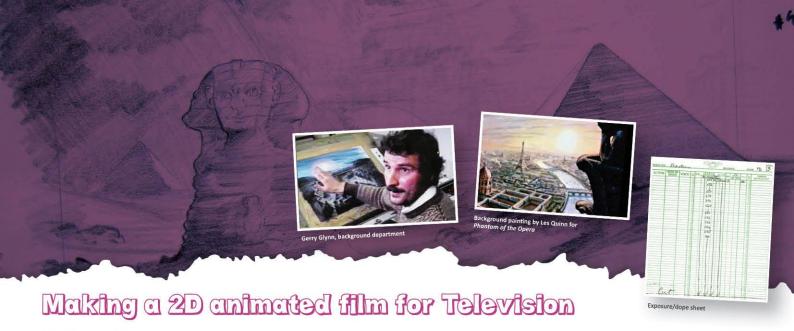
Concept artists produce the look, feel and visual style of the film. Character design is done for each character, and model sheets and turnarounds are drawn up, showing each character in different positions, as well as comparing their size to others in the story. Lip movements for each sound and facial expression sheets are also drawn up. Colour schemes are created for their bodies and clothing, with different colours chosen for day and night scenes.

Layout artists create clean pencil images of the characters and backgrounds in each scene, working from the rough storyboard pictures.





toryboard panels from Igor's World



Backgrounds

Background artists receive an image from the layout artists which they use as a template for the background they would work on. Many pictures are different in size to suit the action happening over it. Shots that establish locations are also much more detailed than those that support close-up shots of people talking.

Many shots also have separate background overlays for characters to go behind.

Animation

Each animator had their own assistant.

- Animators draw the key poses of characters in scenes.
- Animation assistants draw the movements between these key poses.

The animator receives a folder for a scene which contains a layout drawing and an exposure/dope sheet. Sometimes animators are chosen to work with certain characters or on certain action scenes that best suit their particular talents. The animators and animation assistants work at angled desks that have either an animation disc that could be rotated or a diffused square of perspex where a

light shone shines through the drawings above. Sliding peg bars are positioned above and below the drawing area. The animation paper has registration holes that fit onto these. Very often animators and assistants would have several pages containing drawings on a peg bar at the one time, and using the peg bar as an anchor, would flip pages back and forth to check they are getting the movements they want.

Above each desk are a stack of shelves where the animators and assistants store parts of the scene in progress.

As Emerald City Production films were made for TV, to keep within budget, characters were often drawn in sections: if a person was standing still but just moved his arms and head, these were drawn on separate levels. These character movements were then carefully written down on columns on the exposure/dope sheets. The camera operators would use these guidelines to place the drawings all in the correct sequence, frame by frame, for each scene.

Special Effects (FX)

Animating special effects was a skill unto itself, and it creates another layer of realism to the process. This could

include smoke from chimneys, dust from a fast-moving horse and carriage, fires in hearths, streetlights, water movements and many other subtle or dramatic effects as required.

Testing and Checking

When an animated scene is finished it is shot on a simple overhead video camera. This is called a pencil test and is an important stage, because as well as showing the animator how the scene would look, it is an opportunity to pick up any errors or revisions that need to be made.

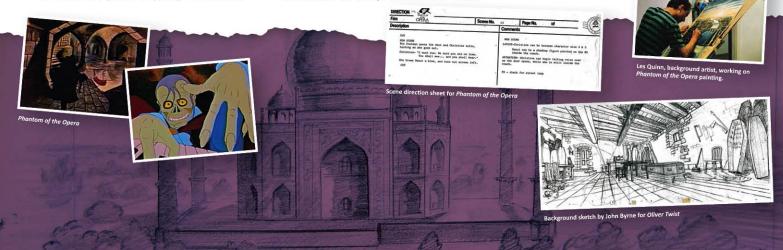
Xerography

Once the scene is approved, most of the drawings are photocopied onto cels, which are clear plastic sheets with registration holes.

Ink and Paint

Inking

Some drawings needed to be inked instead of photocopied, usually for long pan scenes. This is when a camera shot tracks across a wide background, and the drawings have to be inked onto long cels to match the width of the backgrounds.





Painting

After the characters for a film are designed, specific colours are chosen for their skin tones and clothing. This usually includes more than one colour palette for each character for day shots, night shots, to evoke certain moods and so on.

The paint the cel painters used in Emerald City was a special animated cel paint imported from Hollywood. Great care is taken to ensure correct colours are maintained for each particular character. The painters have a colour reference chart for each character they are working on. The cels are painted on the reverse side of the lines so that when turned to the front, the painted character looks clean and precise. In front of each cel painter's desk is a stack of shelves where finished cels are placed to dry. In TV animation there are often several characters moving in the same scene, so they would be placed on different cels on different levels.

Similarly, close-up characters are often split into levels: separate body, separate arms, etc., so using the clear cels mean that all the elements can be seen through the different levels.

Later, in camera, the painted background of that particular scene would lie beneath all the cels that would be changed every second frame.

Traffic

This department stores and organises all the film's files and folders at their various stages of production.

Camera

There were two animation cameras in Emerald City. Both were 35mm Oxberry rostrum cameras. The more advanced of the two had a Cinetron motion control system and a rear projector for composite work. The motion control system was powered by an IBM computer with no hard drive.

The system was booted from two floppy discs each day. It was state of the art for the time. Each camera shot the finished animation and included any camera moves and visual effects (fx). The animation was shot one frame at a time for 24 frames a second. For very complex shots the same piece of film could make up to 36 passes through the camera.

In the early 1990s, after Emerald City Productions closed, editor Sam Pouch and cameraman John Dalton moved the cameras to a facility, formerly the City Morgue, in Dublin 1.

Editing and Sound Effects

The editing department in Emerald City Productions was run by two people. The sequence of events is as follows:

- The voice actors record the dialogue for the film. In Emerald City Productions this was usually done in a Dublin studio with recording engineers. For this job our directors hired Irish actors from stage and screen.
- Once the voices are recorded the next step is to do dialogue breakdown. This is a process whereby the editors listen to the dialogue of each character and use a frame counter to determine how many frames each word lasts for. This is written down on an exposure sheet/ dope sheet, a long sheet of paper containing 100 frames or a little over four seconds play time marked on it.
- From the dialogue information provided by the editors on the exposure/dope sheet, the animators are able to judge exactly how to line up the mouth drawings to match a character when they are talking. This is called lip sync.





Editing and Sound Effects *(continued)*

- Our animation film was on 35mm and the various sound tracks in Emerald City were transferred from quarter inch tape to 16mm sound tape, using Marantz recorders.
- Usually once a week, the editors assemble a work print from the animation scenes that are filmed that week. These are known as 'rushes'.
 The editors cut each scene into the order it ran in the film, and the dialogue track is synchronised with the animation.
- Unlike live action films where you can record the sound as you shoot each scene, every single sound that you hear in an animated film has to be added in by the sound editor, be it footsteps, doors creaking, the wind, horses' hooves etc. The dominant hard effects were done at Emerald City.

Music

Most of the music for the films created by Emerald City Productions was written by the late Dr Gerard Victory. Dr Victory was given each screenplay and copies of the storyboard early in the production. Composing for film can take some time as each scene has its own emotional content. ECP's directors, Al Guest and Jean Mathieson, worked closely with Dr Victory on all of the studio's films, to ensure the spirit of each film was faithfully reflected and enhanced by the score. Dr Victory worked from the cut work print to match his timing.

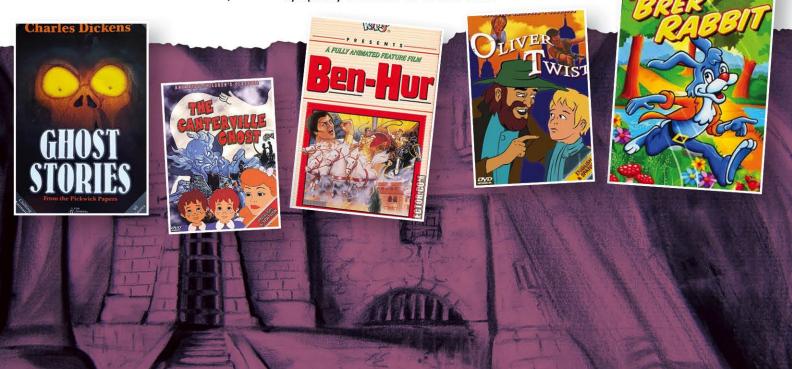
Once he had his musical score ready with each instrument given the part written for it, the music was recorded in the National Concert Hall using the RTÉ Concert Orchestra. Emerald City Productions used the RTÉ National Symphony Orchestra for all their films.

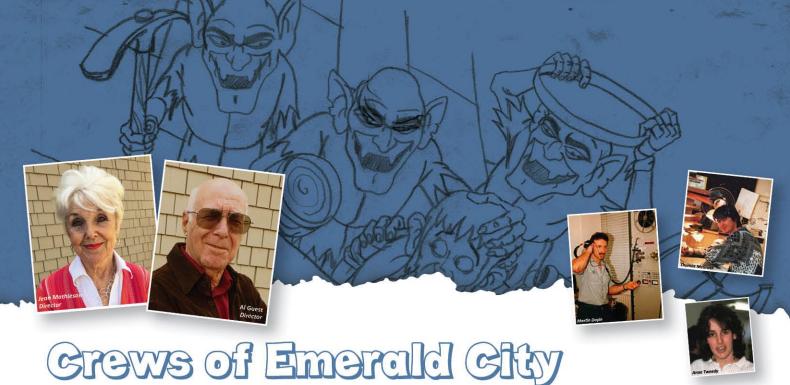
Final Mix and Completion

 After the voices, hard effects, and music tracks were completed in Dún Laoghaire, the entire work print and sound tracks were sent to Los Angeles where additional soft Foley tracks (custom effects recorded live) and Walla (crowd noises and voice effects) were recorded. Mixing sheets were prepared and the sound mix was supervised by director Al Guest.

The negatives were cut to match the workprint and the cut negative and final mixed track were sent to Technicolor London.

 The editors liaised with Technicolour in London re the final prints, and colour rendering.





Productions over the years

Writers/Producers/ **Directors**

Jean Mathieson Al Guest

Production Manager

Tom Roche

Creative Director

John Devlin

Character Design

John Byrne Carol Kearns Jean Mathieson

Studio Manager

Jenni Healion MacNeaney

Production Secretary

Claire Bolger

Production Bookkeeper

Denise Moylan

Traffic Manager

Lora Lennox

Layouts

Marie Bonis-Charancle Helene Byrne John Byrne **Eoghan Cahill** Margaret Deignan John Devlin Martin O'Grady Tom Roche

Backgrounds

John Costello Romek Delimata John Flanagan Gerry Glynn Gina McKenna-Burns Kevin McNamara Ian Milburn Kate Park Les Quinn John Robbins Owen Fitzpatrick

Special Effects

John Costello Julian Hynes

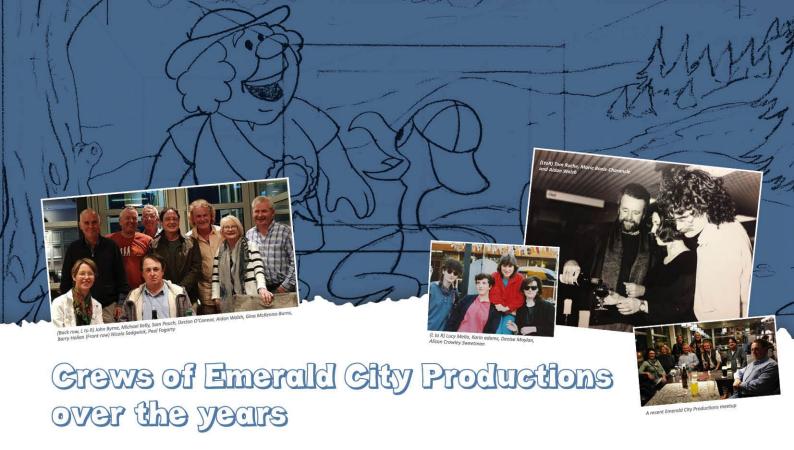
Xerography

Susan Dodd

Animation

Cornelius Breen James Dawkins Eamonn Elliott Joe Hanley **Barry Holian** Julian Hynes Carol Kearns Declan O'Connor Frank O'Neill Paul Rosevear Steve Schneir Nicola Sedgwick Ray Sherlock Tim Spillane Aidan Walsh





Animation Assistants

Marie Bonis-Charancle
Lorraine Cullen
Nuala Elliott
Damian Farrell
Eileen Fleming
Paul Fogarty
Lorraine Gavin
Therese Gore
Stella Kearns
Denise Kierans
Patrice Leech
Fearghas MacLoghlainn
Trish O'Neill

Rebecca Roche

Gabrielle Simpson

Checking

Thomas McGrath Anne Tweedy

Editing

Martin Doyle Michael Kelly Reggie Lawless Jr Sam Pouch

Camera

Robert Brennan Breda Devereux Paul Gallagher Suzanne Quinn Josef Romanowski

Ink and Paint

Karin Adams

Nuala Barry Derek Breathnach Rick Byrne **Eugene Canavan** Kathy Carter **Paul Casey** Ciaran Craig **Alison Crowley** Mary Elizabeth Crowley Rosaleen Crowley Brenda Devlin Maeve Devine Seamus Finn Jr Rosalyn Flynn Adam Glynn Liam Hackett Alex Healion

Una Healy Declan Herbert Alex Kelly Ann Kennedy Wendy Lakes Sinead McClure Selina McDermott Ronan McGarry Eric McGlinn Thomas McGrath Lesley Mathieson Lucy Melia McMahon **Deirdre Murphy Aisling Nelson** Patricia Noone Rory O'Connor Maria O'Sullivan Anne Tweedy Albert Young Derek Walsh





The crew of Emercial City Productions Where are they mow?



Helene Byrne Layout Artist

After ECP, Helene worked as a graphic designer/illustrator for Mugdock Country Park in Scotland and then for the Yorkshire Dales

National Park. She returned to Dublin in 1993 and worked freelance for Coyle Hamilton Insurance, Dúchas, The Heritage Service and Bord Fáilte before moving to North Antrim in 1995. She then set up DunseverickART with Louie Winward. They undertake public and private commissions, specialising in digital photomontages and large-scale mosaics. She also works for Arts Care, facilitating arts-based projects in a range of care settings.



John Byrne Head of Layout

John is an architect, production designer, CG modeller and storyboard artist. He currently works for Brown Bag Films and has

worked in numerous animation companies worldwide including Walt Disney (on *Tarzan*), A-Film in Denmark, Hahn Film in Germany, Filmax in Spain, Prima Linea Productions in France and Boulder Media in Dublin.



Alison Crowley Sweetman Head of Ink and Paint

Alison is now Studio Manager of Jam Media.



John Dalton Head of Camera

John is a contemporary and visionary artist, author, photographer, podcaster and cranio-sacral therapist.



John Devlin Production Manager / Layout Artist

Following Emerald City Production's closure, John worked in Murakami-Wolf and then moved to Phoenix,

Arizona to work in 20th Century Fox, working as a background artist. He returned to Ireland in 2000 and currently works as a fine artist. His work is represented in public collections including that of IMMA and of the Arts Council of Ireland.



Martin Doyle Editor

Owner of Crutu Studios in Leitrim, Martin is a sculptor, specialising in the themes of wildlife, mythology and Irish legends.



Eamonn Elliott Animator

After Emerald City closed Eamonn and Les Quinn set up a company called Lightstream, which provided special effects (SFX) for film and TV.

Eamonn also worked with Martin O'Grady on children's books, *The Shamrogues*. In his work for Dublin City Council, Eamonn was heavily involved in the Ballymun Regeneration Project before he sadly passed in 2009.



Nuala Elliott Agnoli Animation Assistant

After ECP, Nuala worked for twelve years as an orthotic and prosthetic technician In Cappagh Hospital.

She then took a career break to raise her children and to care for her mother, who just recently passed.



Damien Farrell Animation Assistant

Damien is the Creative Director of Caboom, a production company working in animation, puppetry

and live action. As an animator, director and Jim Henson-trained puppeteer, Damien's career in TV and film has seen him work with LucasFilm, Bad Robot, the Walt Disney company, Sesame Workshop, The Muppets, BBC, CBBC, Double Z Enterprises and the Jim Henson Company. His most recent work can be seen the current Star Wars trilogy and the upcoming Netflix series, Dark Crystal: Age of Resistance.

Owen Fitzpatrick, Background Artist

Owen currently works as a visualiser, illustrator, photographer, designer and layout artist involving backgrounds and environments. His work as a storyboard artist has included films including *The New Frontier, The Nest, Baby Jake and Tilly and Friends*.

Eileen Fleming Animation Assistant

Eileen is a musician and a primary school teacher. She was also involved with the startup of the Galway Animation Festival. She is currently working with refugees in Greece.



Paul Fogarty Animation Assistant

Following the close of Emerald City, Paul worked for most of the Dublinbased studios, including Don Bluth Entertainment. When Don Bluth

moved to Phoenix, Paul did also and he met his wife there. Afterwards they moved to Australia to work for Disney Toon Studios. Paul now lives in Greystones, where he is studying 2D digital background painting.



Cartoons put smile back into industry



Forecasi

ULSTER AND NORTH
CONNACHT — Isolated
showers in the northwest,
Sunny spells. Rain in the
evening and early tonight. Dry later. Max. 16
deg. C. Light southerly
winds becoming moderate
southwesterly.
MUNSTER. SOUTH

MUNSTER, SOUTH ONNACHT AND LEIN TER Rain spreadin

The Grew of Emercial City Productions Where are they now?



Gerry Glynn Background artist

Gerry is a fine artist whose passion is magic realism. His work has been sold internationally and

through auctions. He was also a finalist in the Uniquely Dublin exhibition held in the Little Museum of Dublin in 2013.



Joe Hanley Head of Animation

Joe is now an actor, working in theatre, TV and film. In theatre he has played leading roles in the Abbey, Gate, Druid and many

others. His film work includes *Batman Begins* and *Veronica Guerin* and he has acted in several episodes of *Fair City*.



Jenni Healion MacNeaney Studio Manager

After Emerald City, Jenni worked for Dell, first managing the finance department and then

working as Operations Manager of Dell's global account division. Her next career move was to Visio, heading up their E-Commerce, technical and customer support function for the EMEA region. She then joined Boulder Media animation studio in Dublin, working as Financial Controller with responsibility for studio operations. She is now the General Manager of Boulder Media.



Una Healy Ink and Paint

Una is Director of Una Healy Design, a graphic design studio based in Dublin. In December 2018 she

was awarded the LEO Women in Business Entrepreneur of the Year Award.



Barry Holian Animator

Barry has been an animation artist and production designer for the past twenty-five years. He has worked on numerous projects

in Ireland and the UK. His work includes TV shorts, TV series and one-off specials as well as commercials and independent productions. Barry currently lectures in animation and design at Limerick School of Art and Design.



Julian Hynes

After Emerald City, Julian worked for Murakami-Wolf on *Teenage Mutant Ninja Turtles* and then he moved to Sullivan Bluth Studios

in Dublin. When they went to Arizona, he moved there also. After that he was the Head of the FX Dept for Walt Disney in Australia. He currently lives in Phoenix, Arizona.



Carol Kearns Animator and Character Design

Carol has designed greeting cards for many years. Zazzle is one of the

online stores from which she sells her work. She has also recently published a children's picture book, *I've an Idea*, available on Amazon, Barnes & Noble and Lulu. A second book, *Marzipan*, is due to be published soon.



Stella Kearns Animation Assistant

After Emerald City closed, Stella worked for Terra Glyph, Brown Bag Films, Murakami-Wolf, Monster and Caboom Ltd. She moved into

storyboarding, animation, and character design and development. Eventually she became a freelance illustrator which suited her life as a mother and working artist. Stella is owner of Little Star Illustrations and is also an art teacher.



Michael Kelly Editor

Michael lives in Roscommon and works for Galway Roscommon Education and Training Board.

His current role is designing a youth-work approach with an Alternative Education Project in Galway City. In his work, he has used film as a methodology with young people - studying the craft, making short movies along with other related subjects.

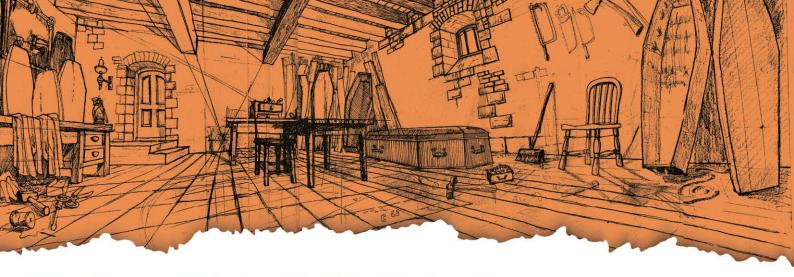


PAINSTAKING . . Gerry Glynn, background artist with The Emerate Cl Production Company busy on a project



THE FINAL TOUCH . . . Tom Roche, Creative Director, Emerald City Productions, putting the floishing touches to a scene from "Ghost Stories Type Biologic Papers".

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Achill (Bull's
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The Grew of Emercial City Productions Where are they now?



Ann Kennedy Ink and Paint

After Emerald City, Ann became an award-winning children book writer and illustrator. Some of her stories were made into mini-films

for children's programmes on RTÉ. In recent years, Ann became ill but kept working. She was awarded a runner-up prize in a photographic competition run by An Taisce and has had success in writing and as a fine artist. She is a disability activist for equality, rights and services.



Denise Kierans Animation Assistant

Denise is Assistant Principal in a secondary school in Laytown where she also teaches art. She sells her

own art online (www.denisekierans.ie) and in various shops around the country. She is married to Brian and has three almost-grown-up kids.



Wendy Lakes Ink and Paint

Wendy now runs a pub in Portugal with her husband.



Reggie Lawless Jr Editor

Reggie currently lives in New South Wales, Australia, and is the coordinator for the Blue Mountains Cultural Centre Cafe.



Kevin McNamara Background Artist

After ECP closed, Kevin worked as background artist in several animation studios. They have

included *All Dogs Go to Heaven* with Sullivan Bluth and *Mulan* and *Tarzan* for Disney. He now works as a fine artist, dividing his time between his home in Lahinch in Ireland and a second residence in Beaufort, USA. Many of his paintings can be seen in the Hagan Fine Art Gallery in Charleston, South Carolina.



Gina McKenna-Burns Background Artist

Gina is a fine artist who specialises in marine scenes enhanced by

digital imagery. She owns an art gallery, Southshore Arts, which is based in Dalkey, Co. Dublin.



Declan O'Connor Animator

After Dún Laoghaire, Declan worked for Murakami-Wolf on Teenage Mutant Ninja Turtles, moving into storyboarding a few

years later. He then went to Arizona and worked on *Anastasia* in Fox Feature Animation with Don Bluth & Gary Goldman. He went on to freelance for many years in various European studios. Declan now works in Brown Bag animation company as a 3D pre viz (pre-visualisation) artist.



Martin O'Grady Layout Artist

After ECP closed, Martin spent around ten years working with Eamonn Elliott and Les Quinn in Lightstream, a company they set

up in 1995 to provide special effects (SFX) for film and TV. Martin and Eamonn also provided illustrations for children's books, *The Shamrogues*. After Lightstream closed Martin worked with Eamonn as a multimedia designer on the Ballymun Regeneration project. He has also worked with several animation studios including Setanta Studios and Ardmore Studios in Bray. He currently works in Stoney Road Press, a fine art print studio and editing house.



Sam Pouch Editor

After Emerald City closed, Sam worked in Murakami-Wolf on Teenage Mutant Ninja Turtles and then moved to Don Bluth. Then

he worked at MGM animation as a freelance dialogue editor. When the animation business collapsed, Sam worked as a salesman in a motorcycle shop for five years and for the last fourteen years he has worked in agriculture and with horses in County Kildare.



Les Quinn Head of Backgrounds

After ECP closed, Les spent around ten years working with Eamonn Elliott and Martin O'Grady in

Lightstream, a company they set up in 1995 to provide special effects (SFX) for film and TV. Les has since worked for twenty years as a visual effects artist with an emphasis on matte painting and CG environments. He is now lead matte painter at Zoic Studios, Vancouver in Canada.





The Grew of Emercial City Productions Where are they now?



Rebecca Roche Animation Assistant

After Emerald City, Rebecca went to Murakami-Wolf where she worked on *Teenage Mutant Ninja Turtles*.

There she was promoted to the character correction team and retake scenes. She then worked on *Thumbelina*, an animated feature produced by Sullivan Bluth. She is a fine artist, and has shown her work in several group exhibitions. She is also a qualified holistic practitioner.



Tom RocheProduction Manager / Layout Artist

Tom is a fine artist who has held numerous solo art exhibitions in Ireland and abroad. He has also

illustrated the non-fiction books *Blackrock, Dún Laoghaire and Dalkey* and *Dublin 4* by Ken Finlay of Cottage Publications. He is a member of the Watercolour Society of Ireland, the Dublin Painting and Sketching Club and the Ulster Watercolour Society. He also teaches watercolour and oil painting in Dún Laoghaire.



Nicola Sedgwick Head of Animation

When Emerald City closed, Nicola worked for a computer games company and then freelanced as an

illustrator on educational and general books. Clients included Folens, Fallons and Carroll Education. She then worked for Mentor Books publishers for several years as a designer and illustrator and in public relations. She is now self-employed as an artist, designer, editor and art teacher, and is the author of an art instruction book, *You Too Can Draw*.



Ray Sherlock Animator

Ray has been a caricaturist for many years, drawing pictures to commission of celebrities, families and individuals.

Tim Spillane

Tim lives in Waterford and is a freelance storyboard artist.



Anne Tweedy

After ECP, Anne worked as a tutor and part-time producer in Dún Laoghaire Art College. She then worked as Project Manager for

Greenlight Media and Company director for Arbutus Films, which produced animation storyboards for German clientele. Anne was one of the founding members and Producer of Boulder Media, one of the largest animation studios in Ireland.



Aidan Walsh Animator

After Emerald City, Aidan went into the computer games business, and worked between that and animation up until 2006 when he

joined Dublin City Council. He has continued to work as an artist and has exhibited in a number of galleries. Some of his works are currently in Gallery Intermarium in Cornelscourt and he also exhibits on the Merrion Square Open Art Gallery every Sunday.



Derek Walsh Ink and Paint

Derek lives in the Canary Islands. He is a musician and singer. Thanks to all the Emerald City wizards who have come up with such great information and photos over the last few months. Without your information, we would not have been able to create this exhibition! It has been a pleasure pulling together all the strands and having the opportunity to tell the story of Emerald City Productions, especially to a new generation.

Although great efforts have been made to contact all former staff, we have not succeeded in locating everyone. If any new details are received in this regard, please contact Marian Thérèse Keyes, Senior Executive Librarian at dlr Lexicon at mkeyes@dlrcoco.ie. The new information will be added to the exhibition archives and we will be pleased to add it to the presentation if the exhibition tours to other yenues.

Special thanks to Jean Mathieson and Al Guest, Barbara A. Shapiro, Vice President, Business and Legal Affairs, DLT Entertainment Ltd., Vicky Moran at RTÉ, Camille Kelly at Crystal Media and Gina McKenna-Burns. A huge thanks to Olivia Hearne and Richard Howlett of Concept2Print Ltd.

This exhibition is dedicated to all the former staff of Emerald City Productions.